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UMaine News Press Releases from Word Press XML export 2012

Coverage of Professor's Humbleness Research

03 Jan 2012

Several national news outlets covered research done by Jordan LaBouff, a lecturer in UMaine's psychology department who published a study in the Journal of Positive Psychology which found humble people are more likely to help someone in need compared to those who are more arrogant. LaBouff, who was affiliated with Baylor University at the time of the study, told [MSNBC's Vitals blog](#) that humility predicted helping even when social pressure to help was minimal. [Medical News Today](#), [Indian Express](#) and the [Daily Express of the United Kingdom](#) also covered the news. Contact: Jessica Bloch, 207-581-3777

UMaine Mentioned in STEM Education Article

03 Jan 2012

A [Bangor Daily News article](#) about an increase in education in the areas of science, technology, engineering and math (STEM) included a note that the Bangor school district, which is seeking to establish a STEM academy, is working with UMaine on several fronts, including the formation of a program that will allow students to enter college with enough credits to be sophomores. Contact: Jessica Bloch, 207-581-3777

Beech Study Noted in Washington Post

03 Jan 2012

A study by researcher William Livingston of UMaine's School of Forest Resources about the effect of warm winters on Maine's beech trees, was noted in a [Washington Post story](#) about mild weather and winter landscapes. Livingston found that a certain beetle species boomed during warm winters between 1999 and 2002 and has feasted on Maine's beech trees ever since. Contact: Jessica Bloch, 207-581-3777

AP Features UMaine Graduate Student As First Maliseet Legislator

03 Jan 2012

An Associated Press story about David Slagger, a UMaine graduate student who will be sworn in Wednesday as Maine's first Maliseet Indian legislator, was featured in several media outlets, including the [Washington Post](#) and Newsday. [The Portland Press Herald](#) ran an item in its State House Notebook. Contact: Jessica Bloch, 207-581-3777

Personality Study Links Humility, Helpfulness

03 Jan 2012

Helping one another in times of need is a cornerstone of quality human relationships, according to a University of Maine psychology researcher who has determined that humility trumps arrogance when it comes to offering assistance. In a three-part research project involving 310 students at Baylor University in Texas, UMaine psychology lecturer Jordan LaBouff and colleagues found that people determined to be humble were more willing to donate time and resources to a hypothetical student in need. The results held true even when researchers controlled the study for potential influencers like empathy, agreeableness and other personality traits. "The finding is particularly surprising since nearly 30 years of research on helping have demonstrated that the situation, not the person, tends to predict whether someone in need will receive help," says LaBouff, who also is a UMaine Honors College preceptor. "This research builds upon a growing body of evidence that humility is an important trait that results in a variety of pro-social

and positive outcomes," says LaBouff, the lead author of an article on the study with Baylor researchers Wade Rowatt, Megan Johnson and Jo-Ann Tsang in Texas. "It also suggests that if we can encourage humility in our communities, people may be more helpful to those in need." The researchers believe the study is one of the first laboratory studies to document a correlation between a personality dimension like humility or narcissism with willingness to help others. Humility could be a personality trait that is linked with altruistically motivated acts of helping, according to LaBouff. Researchers reached their conclusions by measuring participant humility through self-reporting, or answering questions about their perceived sense of humility, in addition to gauging reaction time on tasks designed to measure implicit humility, LaBouff says. Participants were then introduced to a fictitious classmate who had suffered a personal tragedy and was requesting help to overcome the tragedy with time and resources from each participant. "Participants who were more humble were most likely to help their peers, even when social pressure to do so was lowest," says LaBouff. "That is, humble people were most likely to help even when they had the fewest external pressures to do so." The study results are reported in the January 2012 issue of The Journal of Positive Psychology. Contact: Jordan LaBouff, (207) 581-2826

Coverage of Event for Collins

04 Jan 2012

The [Bangor Daily News covered](#) Tuesday morning's event for U.S. Sen. Susan Collins, which was held at UMaine's Buchanan Alumni House. Collins was congratulated by community and industry leaders for pushing Congress to pass truck weight legislation that will push heavy rigs off Maine's secondary roads. Several local television stations, including Bangor's WLBZ, also attended the event.

Contact: Jessica Bloch, 207-581-3777

Humbleness Study in Huffington Post

04 Jan 2012

A study about humble people, which was conducted by Jordan LaBouff, a UMaine psychology lecturer, was the subject of a post on the [Huffington Post website](#). The study found that humble people are more willing than arrogant people to help someone in need. LaBouff, who is also a UMaine's Honors College preceptor, conducted the study while he was at Baylor University. Toronto's Globe and Mail newspaper also noted the study on its website. Contact: Jessica Bloch, 207-581-3777

Brewer Interviewed About Primaries, Caucuses

04 Jan 2012

UMaine political scientist Mark Brewer was interviewed by Bangor television station WLBZ about the differences between the primaries and caucuses held during an election season. Among the differences, Brewer said, is caucuses yield lower voter turnout because of the time commitment, but cater to a more grassroots campaign style. Contact: Jessica Bloch, 207-581-3777

Technology Magazine Features Shahinpoor Robotic Flytrap

04 Jan 2012

The German version of [Technology Review magazine](#), published in several languages by Massachusetts Institute of Technology, has published an article about UMaine mechanical engineering professor Mohsen Shahinpoor and his robotics research. The article features Shahinpoor's robotic duplicate of a Venus flytrap plant, constructed from composite materials with sensitive hairs that behave like artificial muscle. Shahinpoor plans further refinement of the device for military or medical use where tiny robots are practical.

Former UMaine President H. Edwin Young: 1917-2012

04 Jan 2012

Former University of Maine President Hugh Edwin Young died Jan. 2 in Madison, Wisc. He was 94. Young, a UMaine alumnus, served as president from Oct. 1, 1965 - June 30, 1968. The Newfoundland native earned his undergraduate degree in education in 1940 and a master's in economics in 1942 from UMaine, and a doctorate in economics from the University of Wisconsin-Madison in 1950. He also was awarded an honorary doctorate from UMaine in 1963. Young began his career teaching at UMaine prior to relocating to the University of Wisconsin-Madison, where he taught economics, served as department chair and eventually was named Dean of the College of Letters and Science. His first presidential appointment was at UMaine in 1965, where he served through some of the more controversial years of the Vietnam War and related student protests on campus. In July 1968, Young returned to the University of Wisconsin to teach and serve as vice president. Two months later, he was appointed chancellor of the University of Wisconsin-Madison, leading that campus through the conclusion of the tumultuous war years. In 1977, he was named president of the University of Wisconsin System, retiring in 1987. According to an obituary released by the [University of Wisconsin-Madison](#), Young's wife, Phyllis, also a UMaine graduate, passed away in 1993. He is survived by five children. "Edwin Young began his distinguished career as a labor economist at the University of Maine," says University of Maine President Paul Ferguson. "As UMaine's 10th president, he brought a commitment to academic excellence and stable leadership in an era of campus unrest. The thoughts of the UMaine community are with his family." Contact: Ron Lisnet (207)581-3779

Major Media Outlets Cover Humbleness Study

05 Jan 2012

UMaine psychology lecturer Jordan LaBouff's study that found humble people are more likely to be helpful than arrogant people was noted in several media outlets, including National Geographic's daily news website, [Cosmopolitan magazine's website](#) and the [UPI wire service](#). [Time Magazine's Healthland website](#) also ran a story about the study, which LaBouff conducted with colleagues while at Baylor University. Contact: Jessica Bloch, 207-581-3777

Advance on Martin Luther King, Jr. Day Events

05 Jan 2012

The [Bangor Daily News advanced](#) the Jan. 16 Martin Luther King, Jr. Day celebration taking place at UMaine. The events include a keynote address by Professor Denise Patmon, director of the undergraduate teacher licensure program at the University of Massachusetts at Boston. UMaine athletes, students and community members will lead the activities, which include crafts, henna tattoos, Native American storytelling led by UMaine Professor John Bear Mitchell. Contact: Jessica Bloch, 207-581-3777

UMaine Graduate Student, Maliseet Legislator, in MPBN Story

05 Jan 2012

Maine Public Broadcasting Network radio has a [report](#) about David Slagger, a UMaine graduate student who was sworn in Wednesday as the first Maliseet legislator. Slagger said as a new member of the legislature, he will initially be mostly watching, listening and getting to know colleagues. Contact: Jessica Bloch, 207-581-3777

UMaine Mentioned in Story About L.L. Bean Paddles

05 Jan 2012

A [Bangor Daily News story](#) about a local company that is making paddles for L.L. Bean's centennial noted that a UMaine professor helped Shaw & Tenney of Orono identify a piece of wood. The professor, who is not named in the story, told the company the wood, which was pulled from a lake, will be used to make the paddles, had been under water since 1589. UMaine student Brandon Viger, a senior electronic engineering technology major who works at Shaw

& Tenney, was pictured in the story working on a paddle and interviewed about the job of producing the paddles.
Contact: Jessica Bloch, 207-581-3777

USA Today Editorial Notes UMaine Hazing Research

05 Jan 2012

A [USA Today editorial](#) about the need for a new approach to dealing with hazing included information from a study by UMaine education faculty members Elizabeth Allan and Mary Madden. The editorial stated the study found more than half of college students involved in clubs, teams, fraternities or sororities experienced hazing. In a report on hazing in historically black colleges, the website Campus Progress also cited the study, which broke down hazing incidents by race and found that the overwhelming majority of hazing reports—86 percent—were by white students. Contact: Jessica Bloch, 207-581-3777

Newspaper Story on Marine Science Graduate Student's Whale Project

05 Jan 2012

Dan DenDanto, a UMaine doctoral student in the School of Marine Sciences, was featured in a [Bangor Daily News story](#). DenDanto is a carpenter and rearticulator of whale bones, assembling whale skeletons for museums. Contact: Jessica Bloch, 207-581-3777

Franklin Lewis Roberts, 1934-2012

05 Jan 2012

Franklin Lewis Roberts, who for 33 years taught genetics, biology and evolution at the University of Maine, died on Sunday, Jan. 1, 2012. Roberts graduated from UMaine with honors in 1955. According to an [obituary](#) in the Bangor Daily News, Roberts during his career led many groups and served on many committees, including the Zoology Department Graduate Committee, Medical Education Committee and the University of Maine AFUM Chapter. He also conducted significant research and authored many publications and textbooks in his area of focus. Embracing the opportunity to travel throughout the world during his career, Roberts spent significant time in Europe, Africa, South America and the Caribbean. One of his foremost professional and personal passions was the humanitarian work he did in Haiti. Roberts visited the country numerous times, focusing on development projects to improve the lives of Haitians, such as building fish ponds. He was also responsible for the student and faculty exchange between UMaine and Brazil. Survivors include his wife, Betsy Roberts of Somesville, five daughters and two stepchildren. He was predeceased by his wife of 30 years, Dorine Roberts, who died in 1988. Memorial services will be held 11 a.m. Saturday, Jan. 7, at Somesville Union Meeting House, Somesville. Interment will be at Brookside Cemetery, Mount Desert.

Experts Assess Effects of Mild Weather, Lack of Snow

05 Jan 2012

The unseasonably mild falls and early winter may have caused a few forsythias, rhododendrons and blueberries to flower in some parts of the state later than usual, but the warm and largely snowless winter isn't expected to significantly affect wildlife or plant cycles, according to several University of Maine Cooperative Extension specialists. Extension pest management specialist Jim Dill and Extension veterinarian Anne Lichtenwalner say the lack of snow, however, could result in larger tick populations, which can detrimentally affect deer and moose. Warm days can cause moose to overheat, Lichtenwalner says, which is a stressor for them. Ticks, not usually active during the winter months, can become so when temperatures get above 40 degrees Fahrenheit. "With little snow cover and a mild winter, they could be active all winter long, on and off, since they aren't buried under a couple of feet of snow," Dill says. For livestock owners, Lichtenwalner says freeze-thaw cycles likely are helping to reduce survival of intestinal parasite eggs in the animals' environments. The warmer than usual fall kept nuisance grubs active longer than usual in 2011, Dill says, but he doubts grub populations will be affected by the unseasonably balmy fall. Extension professor and ornamental horticulturist Lois Berg Stack advises that late flowering of some plants should not affect the spring flower display.

Lack of snow to insulate the ground could allow frost to penetrate deeper into the ground, Stack says, which can mean some marginally hardy plants and some plants in containers left outdoors for the winter may succumb, as roots are generally not as hardy as shoots. "People who try plants that are not truly hardy in a normal Maine winter might see some loss," she says. For further details, Dill can be reached at (207) 581-3879, Lichtenwalner is available at (207) 581-2788 and Stack can be reached at (207) 581-2949. Contact: George Manlove, (207) 581-3756

Common Antimicrobial Inhibits Immune Cell Function

05 Jan 2012

Triclosan, a common antibacterial agent found in many hand soaps and other products, is known to have the added benefit of alleviating allergic skin conditions such as eczema. In a study recently published in the journal *Toxicology and Applied Pharmacology*, University of Maine researchers Julie Gosse and Rachel Palmer find that this anti-inflammatory effect may be caused by triclosan's inhibitory effect on mast cells, which are implicated in allergies and asthma but which also are key components of a healthy immune system. Mast cells are a type of immune cell found in most bodily tissues. In response to the presence of allergens, mast cells release histamines and other substances into body tissues. The process is known as degranulation and it is responsible for inflammation, swelling, redness and pain. But degranulation also triggers the healthy deployment of white blood cells and supports the innate immune response that helps prevent infection and tumor growth. Triclosan, effective at a 1% concentration against a broad swath of disease-causing microorganisms, was first introduced in the 1970s as an effective agent in surgical scrub solutions, says Gosse, an assistant professor of biochemistry in the Department of Molecular and Biomedical Sciences. Now, however, it is widespread in consumer products. "Today, TCS [triclosan] is found in hundreds of medical, consumer and personal care products (e.g. toys, bedding, deodorant, cosmetics, soap and toothpaste) at concentrations up to 0.3 % or 10mM," Gosse writes. Triclosan is readily absorbed into the skin. Testing rat mast cells with triclosan at much lower concentrations than those found in household products, Gosse's study found that triclosan strongly inhibits degranulation and other mast cell functions, possibly accounting for its therapeutic effect in treating eczema and other allergic skin disorders. Her findings support clinical evidence that triclosan could be an effective targeted treatment for such conditions. But Gosse calls for further investigation into the unintended effects of triclosan's widespread availability in consumer products, including recent separate reports that triclosan may function as an endocrine disrupter. Additionally, other immune cell types that are biochemically similar to mast cells could potentially be adversely affected by triclosan. Contact: Meg Haskell (207) 581-3766 Julie Gosse: (207) 581 4833

Brewer Comments in Snowe Election Challenge Report

06 Jan 2012

UMaine political scientist Mark Brewer was interviewed for a story in the Jan. 5 issue of the [Falmouth Forecaster](#) newspaper about Cape Elizabeth Democrat and state Senator Cynthia Dill, who is considering challenging U.S. Sen. Olympia Snowe for her seat. Brewer observed that unseating the long time Republican senator is highly unlikely for any candidate, particularly a Democrat. Contact: George Manlove, [\(207\) 581-3756](#)

Website Features Triclosan Study

06 Jan 2012

The website [Medical Xpress](#) posted a UMaine news release about a study of triclosan, a common antibacterial agent, done by UMaine researchers Julie Gosse and Rachel Palmer. The study found triclosan, which is found in hundreds of medical, consumer and personal care products, may have a therapeutic effect in treating allergic skin disorders such as eczema, but may also have unintended effects on endocrine function. Contact: Jessica Bloch, 207-581-3777

Newspaper Covers UMaine Athletic Director Talk in Portland

06 Jan 2012

UMaine Athletic Director Steve Abbott spoke Thursday to the Portland Region Chamber's Eggs and Issues breakfast, according to the [Bangor Daily News](#). Abbott contrasted college sports and the Occupy and tea party movements, and said people involved in the movements needed to take action to do something to compete, whereas UMaine athletes learn how to work together to compete. Contact: Jessica Bloch, 207-581-3777

Philadelphia's WHYY Interviews Allan on Hazing

06 Jan 2012

The Philadelphia-based National Public Radio affiliate WHYY interviewed UMaine professor of higher education leadership Elizabeth Allan, one of the nation's foremost experts on hazing and bullying, Jan. 5 for a live report examining hazing and bullying. As part of the program Radio Times, Allan discussed the findings from research with colleague Mary Madden into the psychology behind hazing.

Yarborough Interviewed for Asian Fruit Fly Report

06 Jan 2012

University of Maine Cooperative Extension blueberry specialist David Yarborough was interviewed for a [Bangor Daily News report](#) on a new pest, the spotted-wing Asian fruit fly or *Drosophila melanogaster*, which has been identified for the first time in Maine. It poses a new threat to Maine cranberry and blueberry crops. Yarborough says growers must consider spraying crops far more often than normal to control the small flies, which lay eggs on unripe fruit in addition to ripe or rotting fruit. Contact: George Manlove, (207) 581-3756

Martin Column in Columbia Journalism Review

06 Jan 2012

The [Columbia Journalism Review](#) has a column by Justin Martin, a UMaine journalism faculty member and Honors College preceptor, who related his attempts to reach rock singer Pink about an idea he had to raise funds to help rape and torture victims in the Congo. A video Martin made about his idea, which included him singing a duet with Pink, can be seen on [YouTube](#). Contact: Jessica Bloch, 207-581-3777

Blueberry Expert in Boston Globe

09 Jan 2012

In a story about an Asian fruit fly that has made its way to Maine, the Boston Globe included quotes from UMaine Cooperative Extension blueberry expert David Yarborough. He told the Globe the pest lays its eggs in soft blueberries, which destroys the fruit, and can devastate a berry crop. Contact: Jessica Bloch, 207-581-3777

Press Herald Report on LePage Includes Brewer Comments

09 Jan 2012

UMaine political scientist Mark Brewer was interviewed for a [Portland Press Herald report](#) about Maine Gov. Paul LePage's first year in office. Brewer said despite all the controversy in the past year, LePage has been incredibly effective on issues such as tax cuts, health insurance reforms and welfare reforms. Contact: Jessica Bloch, 207-581-3777

UMaine in Story on Energy Prospecting Firm

09 Jan 2012

The [Bangor Daily News](#) has a story about a Portland-based firm that helps companies and institutions, including UMaine, as was noted in the story, find the lowest electricity and natural gas bids. The company, Competitive Energy

Services, helps its clients figure out when to buy their electricity and natural gas commodities, who to buy it from and what sources to take. The company claims it has cut some of its clients' bills in half. Contact: Jessica Bloch, 207-581-3777

Accounting Professor Offers 2011 Tax Tips

09 Jan 2012

A University of Maine professor of accounting advises that taxpayers beginning to think about filing tax returns for 2011 should consider electronic filing. Professor Steven Colburn of the Maine Business School, who oversees the university's longstanding taxpayer assistance program with student volunteers, is available to discuss tips for filers. Filing electronically with direct deposit of refunds offers a number of benefits, Colburn says. It results in fewer errors on tax returns because filing software automatically checks for missing information and compares information reported for consistency. It also performs all calculations and transfers numbers from one form to another, as appropriate. In addition, the Internal Revenue Service receives tax returns in a matter of seconds, as opposed to days, and filers get refunds quicker with direct deposit into savings or checking accounts. The IRS reports that nearly 80 percent of individuals filed their tax returns electronically last year. "To make filing a little easier and hopefully less painful," Colburn says, "the [IRS website](#) provides links to free e-filing sites, tax forms, publications and information on most tax questions. Publication 17 is particularly helpful." IRS forms and booklets also are available at IRS offices and the state provides free e-filing and tax forms on its [website](#). The filing deadline is April 17 this year. Contact: Steve Colburn, (207) 581-1982

UMaine, NAACP to Host 2012 MLK Breakfast

09 Jan 2012

The Greater Bangor Area NAACP and the University of Maine will present the 2012 Martin Luther King, Jr. Breakfast Celebration Monday, Jan. 16 from 8:30-10:30 a.m. at the UMaine Wells Conference Center. Doors open at 8 a.m., when the UMaine women's student singing group Renaissance is scheduled to begin a 30-minute performance. University of Maine President Paul Ferguson will offer remarks. The Bangor Community Chorus will perform at the close of the program. Professor Denise Patmon, director of the undergraduate teacher licensure program at the University of Massachusetts at Boston, will serve as this year's keynote speaker. Patmon has taught at Wheelock College and at Lehman College (CUNY)'s Hiroshima, Japan campus. For the past 16 years, she has taught at UMass Boston and has been invited to serve as the 2011-2012 Libra Professor at the University of Maine. Patmon teaches courses in writing and literature and supervises field experiences in urban schools. Her writing has been heavily influenced by her experiences as a black person involved in the National Writing Project. Tickets for the 2012 Breakfast are \$20 for adults, \$15 for seniors 65 and over, \$10 for high school and college students with ID, and \$10 for children 12 and younger. Those interested in attending are encouraged to purchase tickets early. For ticket sales information, please call (207) 581-4094. Ticket purchases are nonrefundable. In addition, the UMaine Bodwell Center for Service and Volunteerism, the Office of Multicultural Programs, and UMaine Athletics will lead a free Martin Luther King Jr. Day event, Jan. 16 from 11 a.m.-3 p.m. at the Old Town/Orono YMCA. Students in grades 3-5 and their parents are invited to participate in a variety of activities about diversity and the life and ideas of Martin Luther King. Contact: George Manlove, (207) 581-3756

Kaye Interviewed for TV 7 Report on Elderly, Legal Needs

09 Jan 2012

Len Kaye, professor of social work and director of the UMaine Center on Aging, was interviewed for a [Channel 7 \(WVII\)](#) evening news report Jan. 6 about a recent study by the center on the legal needs of Maine's older adults. Kaye said older people continue to need legal advice on health insurance and social services eligibility and protection from scams. Contact: George Manlove, (207) 581-3756

University of Maine Museum of Art Receives Gift

09 Jan 2012

The University of Maine Museum of Art has received a gift of 10 works of art by noted artist and printmaker Beth Van Hoesen (1926-2010) from the E. Mark Adams and Beth Van Hoesen Adams Trust, which is based in San Francisco, for UMMA's permanent collection. The donation is valued at more than \$18,000 and consists of an array of etchings and drypoint works. "We are delighted to receive this generous gift that is perfectly aligned with the museum's mission of collecting significant contemporary works on paper," said UMMA Director and Curator George Kinghorn. "Beth Van Hoesen was such an accomplished printmaker. Students and visitors will gain a great deal by examining her exquisite etchings." UMMA, which is located in Bangor, plans to exhibit a selection of these works as part of its 2013 rotation of the permanent collection. Van Hoesen's work is represented in numerous public collections, including the Fine Arts Museum of San Francisco; Library of Congress, Washington, DC; The Museum of Modern Art, New York; Oakland Museum of California; Portland Art Museum, Oregon; Racine Art Museum, Wisconsin; Smithsonian Institution, Washington, D.C.; and Victoria and Albert Museum, London. Contact: Kathryn Jovanelli, (207) 561-3350 or kj@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Researchers Discover Destructive Fruit Fly Now in Maine

09 Jan 2012

University of Maine Cooperative Extension fruit and pest management specialists monitoring for a particularly destructive non-native fruit fly have discovered its presence at five locations in Maine. Now they are hurriedly collaborating with counterparts across the country to collect and collaborate on the latest research on the tiny, spotted-wing Asian fruit fly in an effort to protect 2012 crops. The *Drosophila suzukii* fly poses a serious threat to Maine fruit growers' blueberry, strawberry, raspberry and potentially other soft-skinned fruits and possibly even vegetables, according to Jim Dill, Extension educator and pest management specialist in Orono. "Our concern is if you get the spotted wing drosophila in low-bush blueberries -- 50,000 acres -- it would be disastrous, just devastating to our current Integrated Pest Management program and the crop," Dill says. "And it's a question of when." Maine's blueberry harvest in 2011 exceeded 80 million pounds. Crop value is estimated at about \$190 million, with a statewide economic impact of more than \$250 million. Dill and Extension blueberry researcher Frank Drummond have been monitoring fruit fly traps around the state looking for early detection of the fly that comes from Asia and has spread in the last four years from California to states in the northern and southern United States. They discovered it in September 2011, and Dill says he has trapped them now in five locations in Maine -- in a tomato greenhouse in Berwick, raspberries in Limington, Newcastle and Monmouth, strawberries in Farmington and most likely, though unconfirmed, in high-bush blueberries in Clinton. The Asian fruit fly is particularly destructive because, unlike common fruit flies, which lay eggs only in over-ripe, rotting or fermenting fruit, the spotted-wing Asian fruit fly has a serrated appendage -- an ovipositor -- used in egg-laying that saws through the soft skin of ripe and unripe fruit to deposit its eggs inside the fruit, according to Dill. "It's just as prolific as the vinegar (fruit) fly you find on your bananas, but those guys only attack overripe fruit," he says. The Asian fruit fly "is now out there attacking unripe fruit hanging on the vine." Pesticide sprays are the only known control method, says Dill, but applications are expensive and must be done at least once a week, as opposed to a few times a year as determined through monitoring for current pests. Fall raspberry growers often never spray their fruit at all, and at least one grower informed Dill that he'll get out of the business before applying the necessary sprays. "We're looking to see if there are any natural controls for it," he says. "We've been working for years to try to reduce applying pesticides. It's going to be expensive if you have to spray every week, and there could be unintended consequences of spraying every week. Everybody's now trying to run and do the research." The flies can be transported in shipments of fruit and vegetables and even blown by strong winds. "You figure it got to Maine from California in four years," Dill observes. "Only four years to make its way completely across the U.S." Contact: Jim Dill, (207) 581-3879

Dill Comments in Channel 8 Report on Fruit Fly Threat

09 Jan 2012

Comments by Jim Dill, University of Maine Cooperative Extension educator and pest management specialist, are included in a story by Channel 8 (WMTW) in Portland on the discovery of an Asian fruit fly that has recently been identified in Maine. Soft-skinned fruit like blueberries and raspberries, and possibly vegetables, are most at risk

regardless of ripeness, he says. Common fruit flies lay their eggs only in the flesh of rotting or overripe fruit, according to Dill.

Contact: George Manlove, (207) 581-3756

Manev Column Links Entrepreneurship, Business Skill

09 Jan 2012

A recent column in the [Bangor Daily News](#) by Ivan Manev, dean of the Maine Business School, discusses the importance of access to sound business and marketing expertise to entrepreneurs trying to move forward with new ideas or inventions. Evaluating entrepreneurial opportunity is critical to the entrepreneurial process, he says.

Contact: George Manlove, (207) 581-3756

Fried Column Addresses Health Security

09 Jan 2012

An opinion column in a recent edition of the [Bangor Daily News](#) by UMaine political science professor Amy Fried discusses the personal and economic consequences of reducing the state budget by reducing health care insurance coverage for Maine residents. Untreated illnesses sap strength and limit lives, Fried writes, and doesn't save money in the long run. Contact: George Manlove, (207) 581-3756

UMaine Researcher Noted in Story on Welfare Study

10 Jan 2012

A [Bangor Daily News report](#) on a study about childless adults on MaineCare included a mention of Sandra Butler, a UMaine social work professor who interviewed seven participants for the study, which found more than 40 percent of childless adults covered through MaineCare are older than 45 and many have serious medical conditions. The study was prepared by Maine Equal Justice Partners, an advocacy group for the poor. Butler's contribution was also noted in a release on the [InsuranceNewsnet magazine website](#). Contact: Jessica Bloch, 207-581-3777

Dill Comments on Invasive Fruit Fly

10 Jan 2012

Jim Dill, a UMaine Cooperative Extension pest management specialist, was quoted in a Maine Public Broadcasting Network radio story about an Asian fruit fly which has been found in five monitoring locations in Maine. Dill said the pest could decimate Maine's \$190 million blueberry harvest. Contact: Jessica Bloch, 207-581-3777

Extension Specialist Comments on Seeds

10 Jan 2012

A [Kennebec Journal report](#) on additions to the state's list of genetically engineered seeds grown in Maine included comments from UMaine Cooperative Extension water and soil specialist John Jemison, Jr. Jemison, who serves on the Maine Board of Pesticide Control, headed up the board's technical advisory committee that looked into two Bt-corn products that have been added to the list. Contact: Jessica Bloch, 207-581-3777

UMaine System Chancellor Candidates Begin Visits January 17

11 Jan 2012

The three finalists for the University of Maine System chancellor position will begin to make campus visits on Jan. 17, with the three finalists visiting UMaine Jan. 18-20. The UMaine System Trustees and chancellor search committee announced Tuesday the campus meetings, which include interviews, meetings, and open forums with students, employees, and the community. All three public forums will be held from 10 a.m. to 11:15 a.m. in Wells Conference Center, Room 2. James Page, who was a finalist last year for the position of UMaine president, will visit the campus on Wednesday, Jan. 18, followed by Meredith Hay, special advisor to the chair of the Arizona Board of Regents (ABOR) for Strategic Initiatives, on Thursday, Jan. 19 and current UMaine System Vice Chancellor for Finance and Administration Rebecca Wyke on Friday, Jan. 20. The finalists will also visit Portland and Fort Kent. Visit the Chancellor Search web page to view the itineraries. If you are not able to attend an in-person or Polycom session, you may listen to the multi-campus session via audio streaming at <http://live.maine.edu/UMS>. Users who will be accessing the audio stream are strongly encouraged to test their browser for proper operation with the audio stream by visiting the link any time before the scheduled conferences and listening for audio (Maine Public Radio should be audible). For streaming audio issues remaining after testing the link, you may contact tech support at 800-696-4357. The Chancellor Search Committee welcomes your feedback. Links to electronic feedback forms will be available the first day of each applicant's visit. Paper feedback forms will also be available at the host and Polycom locations and may be faxed to 973-3209. Complete information about the finalists, their application materials, itineraries, photos and links to the electronic feedback survey forms are available on the Chancellor Search webpage. All feedback must be received by noon on Sunday, January 22, 2012.

Extension Expert Comments on the Future of Farming

11 Jan 2012

UMaine Cooperative Extension professor and water and soil quality specialist John Jemison was interviewed for a WCHS-TV report from the 71st Maine Agricultural Show about the future of farming. Jemison, who presented findings of a study done to determine where Maine farmers see their industry headed, said high energy costs and a lack of infrastructure are among the challenges facing farmers. Contact: Jessica Bloch, 207-581-3777

News About Palm Vein Scanners in Dining Halls

11 Jan 2012

The website PR Web has a [news release](#) about UMaine's use of palm vein scanner biometric software for student check-in at on-campus dining halls. According to the news release, the technology is expected to save thousands of dollars per year by eliminating shared cards, a practice that has students share their meal plans at a price of \$4,100 per academic year. UMaine is using the M2SYS Hybrid Bio-SnapOn software and scanner. Contact: Jessica Bloch, 207-581-3777

Biofuel Research Noted in Report on Old Town Mill

11 Jan 2012

Biofuel research being done by UMaine engineers and researchers was noted in a story in the [Bangor Daily News](#) about the Old Town Fuel & Fiber mill in Old Town. The story, which focused on pollution issues at the facility, said UMaine, which is in the forefront of research on how to distill fuels from wood, is collaborating with the company on biobutanol research. The report also noted that the mill subcontracted part of the Energy Department grant to UMaine's Forest Bioproducts Research Institute, and UMaine is building a 40,000-square-foot bioproducts technology center at the mill. Jake Ward, UMaine assistant vice president for research, economic development, and governmental relations, said in the story no one has raised the concern that air pollution rises to the level that the university shouldn't collaborate with the mill. Contact: Jessica Bloch, 207-581-3777

Internship Program Places UMaine Student in Antwerp, Belgian Student in Bangor

11 Jan 2012

UMaine social work student Casey Faulkingham of Houlton spent the spring semester of her junior year working at a group home for adolescents and teens in Antwerp, Belgium. The following semester, Antwerp native Aiko Van Landeghem, a student of “social education care work” at a campus-free college in the city, arrived at UMaine for a field placement at the Shaw House in Bangor, which provides emergency shelter and other services for homeless youngsters. Both women took advantage of federal loans to participate in the Global Work with Immigrant Kids program hosted by the UMaine School of Social Work. They made new friends, gained powerful insights into their chosen field, and learned something about themselves in the process. Read their story here. For the full story, click here.

Stack, Lichtenwalner in News Report on Lack of Snow

11 Jan 2012

University of Maine Cooperative Extension specialists Anne Lichtenwalner and Lois Berg Stack appeared in a Channel 2 (WLBZ) news report Tuesday on some of the effects of the lack of snow this winter. Stack, an ornamental horticulturist, said the lack of snow exposes plant roots to freezing without a protective blanket of snow on the ground. Lichtenwalner, a veterinarian and director of the UMaine Animal Health Lab, said the freeze-thaw-freeze weather can disrupt the lifecycle of parasites, which means healthier and more productive livestock.

Contact: George Manlove, (207) 581-3756

Physics Professor Paul Camp: 1919-2012

11 Jan 2012

Former professor and chair of the University of Maine Department of Physics Paul R. Camp died Jan. 9 at the Maine Veterans Home. He was 92. Camp taught and conducted research at UMaine from 1967 until 1996. A 1941 Wesleyan University graduate, the Connecticut native joined scientists at the Naval Research Laboratory in Washington, D.C., whose focus was on the development of radar, according to his obituary in the Bangor Daily News. A U.S. Navy veteran of WWII, Camp received a master's in physics from Harvard in 1947 and a Ph.D. in 1951 from Penn State University. His professional career included teaching at Reed College in Portland, Ore., the Polytechnic Institute of Brooklyn in New York, Physicist at Large at the U.S. Army Cold Regions Research and Engineering Laboratory, Hanover, N.H., and he was a staff member on the Commission on College Physics at the University of Michigan. In 2010, Camp was honored as a distinguished emeritus professor at the UMaine College of Engineering's Gorman Emeriti Brunch. At UMaine, he established the Ph.D. program in physics and was active in departmental, university and professional activities. His research focus was in solid state physics with special interest in the surface growth of ice. Camp is survived by his wife, Polly, three children, five grandchildren and nieces and nephews. A memorial service will be held later this month. Memorial contributions may be made to the University of Maine Foundation, 2 Alumni Place, Orono, 04469 for scholarships to students in engineering physics. Contact: George Manlove, (207) 581-3756

UMaine Climate Change Research Team Explores Chil an Glacier: Blog One

12 Jan 2012

[Click here to see all Climate Change blog entries.](#) **Editor's note:** A team of scientists from the University of Maine's Climate Change Institute is currently on an expedition in Chile, traveling to the Tupungatito Glacier, located in a volcanic crater at an elevation of 19,000 feet in the Andes Mountains. This blog post is the first of a series of entries Paul Mayewski, director of the Climate Change Institute and Bjorn Grigholm, a Ph.D. student in Earth Science at UMaine, will be sending back via satellite phone from the field. [caption id="attachment_14434" align="alignright"]



width="410"]

Mountain peaks near Maitenes, the

Chiléan village where the expedition is preparing for the final leg of the journey to Tupungatito Glacier.[/caption] South America is in the midst of dramatic changes in water resources and is at particular risk for future abrupt climate change as a consequence of greenhouse gas warming, recovery of the Antarctic ozone hole, and increased industrialization in both hemispheres. Understanding the past and present climatic behavior of high mountain regions in South America is critical for developing appropriate mitigation and adaptation policies for water usage and for predicting future climate change. The reconstruction of past climate conditions provides essential historical context for natural climate variability (a time before human influences) that can be implemented to gauge the relative impact of human activities on the physical and chemical climate system. Ice core records provide the most robust method for reconstructing climate in the absence of instrumental records, which are very rare and of short duration in remote regions such as the Andes. [caption



id="attachment_14435" align="alignright" width="201"]

Dan Dixon and Mike

Waskiewicz, part of the Climate Change Institute expedition team, take apart a snowmobile so that mule teams can haul it into the volcanic crater at 19,000 feet.[/caption] Tupungatito is a high elevation (18,909 ft, 33 degrees 25 minutes South; 69 degrees 48 minutes West) volcanic crater that is particularly well located for monitoring changes in the El Nino - Southern Oscillation, which is a major component of ocean-atmosphere circulation in the tropical Pacific and beyond; major atmospheric circulation patterns such as the easterlies and westerlies; and human- source pollutants from industrial, urban and agricultural activities in South America. A Tupungatito ice core will add to the limited collection of ice cores outside the polar regions. These low-mid latitude climate records are crucial for interpreting global climate change from the equator to the Poles. Tupungatito and surrounding Andean glaciers are also a primary source for water to major population centers, such as Santiago, Chile. Recent research conducted by Gino Casassa reveal that Tupungatito glacier has retreated since the 1970s, coinciding with the vast majority of South American glaciers. The expedition team, which we call TE2012, is comprised of members from the Climate Change Institute (CCI) at the University of Maine (field leader Paul Mayewski, Andrei Kurbatov, Bjorn Grigholm, Mariusz Potocki, Dan Dixon,

Michael Morrison and Mike Waskiewicz) and members of the Centro de Estudios Científicos (CECS) from Valdivia, Chile (field leaders Gino Casassa and Rodrigo Zamora, Alejandro Neira, Ivan Clauvero and Francisco Gonzalez).

Initial reconnaissance studies by CCI and CECS in February 2010 drill yielded a 40-foot ice core, demonstrating that the site was highly suitable for the recovery of robust environmental records. During the descent from the glacier the expedition team experienced the famous 8.8 Chilean earthquake. Evidence of the event were abundant throughout the mountain valleys. In February 2011 the team returned to Tupungatito and transported supplies and scientific equipment to the site to drill an ice core to bedrock. CECS radar surveys estimated the thickness of ice at the drill site to be approximately 430 ft. Unfortunately, drilling had to be postponed a year due to the extreme weather conditions produced by the 2011 La Nina event. This year's 2012 Tupungatito expedition arrived in Santiago on January 5th. We will proceed with last year's deep ice core goal. It will take approximately two weeks to ascend to the glacier to allow for appropriate elevation acclimatization. As the researchers climb to the drill site, they will be supported by mules and horses supplied by local cowboys, known as arrieros. Over the past two years the team has become particularly close with three of the arrieros, Ismael Ortega, Marcelino Ortega and Fernando Ortega. In fact, last night we all gathered for a Chilean asado, or barbecue. Currently, the team is located in Maitenes, a small mountain town approximately 28 miles from Tupungatito. All of us are involved in preparing supplies and equipment for the climb. This year we hope to have a snowmobile on site to transport close to 1 ton of supplies across the glacier to the drill site. The next couple of days will be dedicated to taking the snowmobile apart into sections not exceeding 100 pounds each so that the mules can safely carry the load. We expect it will take five mules to carry all of the parts to the glacier and several days to reassemble the snowmobile. Earlier today, the arrieros reported that a bridge on the way to the trail head was blocked by debris due to the heavy rainfall that occurred two days ago. It is expected that bridge will be passable in a few days. *The CCI component of the Tupungatito Expedition is supported by a generous gift from the Garrand Family of Portland, Maine.

Advance on UMS Chancellor Finalists' Visits to Campuses

20 Jan 2012

The [Bangor Daily News](#) has an advance on next week's visits to campus by the three finalists for the UMaine System chancellor position. All three will be on the UMaine campus Jan. 18-20 with open forum sessions from 10 a.m. to 11:15 a.m. in Wells Conference Center Room 2. The system's chancellor search web page has more information. Contact: Jessica Bloch, 207-581-3777

Agriculture Website Notes Fruit Fly Findings

12 Jan 2012

The website Western Farm Press has a [story](#) about the finding by UMaine Cooperative Extension experts of a destructive non-native fruit fly in Maine that could decimate the state's berry crop. Jim Dill, Extension educator and pest management specialist, and Frank Drummond, an Extension blueberry researcher, were both quoted in the story. Contact: Jessica Bloch, 207-581-3777

Boss Comments in Story About Robots in Underwater Research

12 Jan 2012

UMaine aquatic physicist Emmanuel Boss was quoted in a story on the website Miller-McCune about the use of robotic devices that are helping a researcher in California keep track of how tiny organisms and object travel in sub-surface ocean currents. Boss said if the devices work at a reasonable price, they could revolutionize oceanography. Contact: Jessica Bloch, 207-581-3777

Registration Open for Windstorm, Wind Blade Challenges

12 Jan 2012

Registration is now open for the DeepCwind Consortium's Windstorm Challenge 2012 and 4th Annual Maine Wind Blade Challenge, which are competitions for middle school and high school students to design, build, implement and

test wind power technology components similar to those being used in an extensive UMaine research program in deepwater offshore wind power. Both events will be held Friday, April 27, at the New Balance Student Recreation Center on the UMaine campus. The Windstorm Challenge is a comprehensive middle and high school invention competition focusing on deepwater offshore wind technology. Developed in partnership with UMaine and the Advanced Structures and Composites Center, Windstorm Challenge asks teams to design and construct a floating platform for a scale model wind turbine, then create a thorough business plan and sales pitch. For more information and to register for the Windstorm Challenge, go to <http://windstormchallenge.com/> or visit Windstorm Challenge on Facebook. The Wind Blade Challenge, a program developed by the Maine Composites Alliance in partnership with the Advanced Structures and Composites Center and the Maine Wind Industry Initiative, matches high school students with composites manufacturers in Maine to research, design and manufacture model wind blades. The challenge culminates in a fun competition to see which team invented the most efficient wind blade. For more information and to register for the Wind Blade Challenge, go to <http://mainewindbladechallenge.com/>. Both events are designed for students with diverse ranges of experience and interests. Teams are not required to be from a specific school or classroom, and home school students are welcome. An adult advisor is required. In 2011, more than 300 students from more than 30 schools participated in the two events. All winning team members who go on to attend UMaine receive a \$20,000 paid internship at the Advanced Structures and Composites Center. The DeepCwind Consortium's mission is to establish the State of Maine as a national leader in deepwater offshore wind technology through a research initiative funded by the US Department of Energy, the National Science Foundation, and others. Contact: Elizabeth Viselli, (207)581-2831 or Elizabeth.viselli@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Bangor Daily News Reviews Art Museum Shows

13 Jan 2012

The [Bangor Daily News](#) reviewed the University of Maine Museum of Art's new exhibits, which open Friday. The review called the exhibits an exciting show of illusion, interaction and astonishing artistic skill. For more information about the new exhibits, go to the [museum website](#). Contact: Jessica Bloch, 207-581-3777

Kennebunk Weekly Notes Extension Gardening Program

13 Jan 2012

UMaine Cooperative Extension's Master Gardener Volunteers program was mentioned in a story on the website of the weekly Kennebunk Post. The story, which is about an upcoming Martin Luther King, Jr. Day celebration in Kennebunk, notes guest speaker Kathy Landrum, a social activist, went through the Master Gardener program in 2010. Landrum said the program inspired her to use her skills in horticulture to grow food for the hungry. Contact: Jessica Bloch, 207-581-3777

Snowmobiling Study in Business Column

13 Jan 2012

A Bangor Daily News [business column](#) about the economic impact of winter activities in Maine including a mention of UMaine economist Stephen Reiling's studies into the impact of the snowmobiling industry. The column cited Reiling's finding that snowmobiling in 1996 accounted for more than \$150 million in direct expenditures and more than \$225 million in direct and indirect impacts in Maine. Contact: Jessica Bloch, 207-581-3777

UMaine's Alfond in NESN Poll for Top Arena

13 Jan 2012

The New England Sports Network (NESN) website included UMaine's Alfond Arena in a poll question about the best places to watch a game in the Hockey East conference. To vote in the poll, go to the [website](#). Contact: Jessica Bloch, 207-581-3777

Extension Crop, Pest Experts Discuss Fruit Fly Threat

13 Jan 2012

University of Maine Cooperative Extension blueberry specialist David Yarborough and pest management specialist Frank Drummond were interviewed for a Channel 2 (WLBZ) news report about a new Asian fruit fly - the Spotted Wing Drosophila - discovered in Maine that may threaten the state's soft-skinned berry crops, including blueberries, strawberries and raspberries.

Contact: George Manlove, (207) 581-3756

Coverage of Martin Luther King Jr. Day Event

17 Jan 2012

Several media outlets covered Monday's 16th Annual Martin Luther King Jr. Day Breakfast, which was held at UMaine's Wells Conference Center. The [Bangor Daily News](#) noted the focus of the event was on education and King's vision for how American children should learn — regardless of race, social or economic standing. Phyllis Brazee, a UMaine professor emerita of education, was in a photograph that accompanied the story. Bangor television stations WABI and WLBZ also had stories about the breakfast. Contact: Jessica Bloch, 207-581-3777

Brewer Comments on Romney's Chances in Upcoming Primaries

17 Jan 2012

Comments from UMaine political scientist Mark Brewer were included in a [Bangor Daily News report](#) on Maine's possible role in pushing Republican presidential hopeful Mitt Romney to his party's nomination. Brewer said Romney could have trouble in a conservative South Carolina, which means Maine's Feb. 4 caucuses could play a role in Romney's momentum. Contact: Jessica Bloch, 207-581-3777

Martin Column on the Use of Hyperlinks

17 Jan 2012

The Poynter Institute's news website posted a column by Justin Martin, a UMaine journalism faculty member and CLAS-Honors Preceptor of Journalism. Martin writes about distracting volumes of hyperlinks in web copy and how hyperlinks can be useful, but often are used to keep the reader from leaving a website. Contact: Jessica Bloch, 207-581-3777

UMaine Climate Change Research Team Explores Chil an Glacier: Blog Two

17 Jan 2012

[Click here to see all Climate Change blog entries.](#) Yesterday afternoon we reached our second camp site, Agua Azul or Blue Water. To get there we hiked about six miles along the beautiful Colorado Valley. We camped on an ancient Tupungatito lava flow and had our first glimpse of our route up to the drill site for this season. Agua Azul gets its name from a nearby glacial stream which provides us with readily and easily obtainable water. At future camp sites, snow will have to be melted for drinking water. Yesterday, we gained about 3,000 feet and our current altitude is approximately 10,330 feet. We plan to stay at Aqua Azul for 3-5 days acclimatizing and preparing equipment. Our next camp site will be at roughly 13,780 feet. It is crucial that we take our time ascending the mountain, assessing each member's health as



we climb.

We could not have gotten our supplies and equipment this far up the valley without the help of the Arrieros (Chilean cowboys) and their eight horses and 28 mules. In addition to transporting our gear, the Arrieros help us cross the Azufre River. In the past, we have been given a horse or mule with which to cross. This year, however, the water levels were low enough for us to wade or jump across. Unfortunately, despite the low river level, one of the mules slipped and fell in. The mule was completely unhurt and just got a little wet, as did our supplies. The low level of the river is likely the result of an unusually dry year. With the exception of the heavy rain that blocked one of the mountain roads at the beginning of our expedition it has hardly rained at all this year. Earlier today the Arrieros returned to our first camp site to gather our remaining gear. It's incredible to think that on



average each of the pack animals is carrying about 100 pounds.

A view of Tupungatito this morning revealed the slopes covered in snow. The snow may or may not remain in a day or so, but it is a reminder that we may encounter very deep snow on the glacier. Tomorrow the Arrieros will arrive with the disassembled snowmobile. If there is heavy snow on the glacier, the transportation of the snowmobile will have been well worth the effort. The snowmobile could reduce the expedition time on the glacier by 10-14 days. In the next couple of days the Arrieros will also ride up and assess the snow conditions on Tupungatito's slopes and in the crater. The Arrieros' horses and mules are strong enough to blaze a trail through thick snow to last year's camp and storage site on the edge of the glacier at roughly 18,270 feet. During the past couple of years that we have worked with Arrieros we are continually impressed by their resourcefulness in the mountains. The CCI component of the Tupungatito Expedition is supported by a generous gift from the Garrard Family of Portland, Maine.

AP Story on Transportation Grant

18 Jan 2012

Several news outlets carried an Associated Press account of a U.S. Department of Transportation announcement that UMaine is one 22 universities and research centers nationwide that will receive \$3.5 million in federal funds to collaborate on transportation research. The [Boston Globe website](#) noted that the consortium will work with federal agencies on research to promote transportation safety and efficiency. Each consortium member must match the funding with money from non-federal sources. Contact: Jessica Bloch, 207-581-3777

Political Scientist Comments on Prayer Caucus

18 Jan 2012

UMaine political scientist Mark Brewer commented in a [Maine Public Broadcasting Network radio story](#) about members of the Maine legislature who have become the sixth group in the nation to join a Congressional Prayer Caucus. Brewer said legislators have a right to meet in prayer under the U.S. Constitution and are free to use their faith in public dialog. Contact: Jessica Bloch, 207-581-3777

Fried Column on Voter ID

18 Jan 2012

In a [Bangor Daily News column](#), UMaine political scientist Amy Fried argues against requiring a photo ID at the voting booth. Fried says Maine would have to provide free IDs for an estimated 100,000 residents who do not have ID, which would be costly for the state. Contact: Jessica Bloch, 207-581-3777

Sidelko Comments in Story on Drinking

18 Jan 2012

Lauri Sidelko, the director of UMaine's Alcohol and Drug Education Programs (ADEP), was interviewed for a [Bangor Daily News story](#) about binge drinking in Maine. Sidelko said ADEP uses the term high-risk drinking in order to better connect with students. The program teaches students to recognize their personal intolerance for alcohol and about the legal implications of underage drinking. She also told the BDN a two-year-old program at UMaine has a bystander intervention program called "I've Got Your Back." Contact: Jessica Bloch, 207-581-3777

Website Names Offshore Wind a Story to Watch in 2012

18 Jan 2012

The [website Offshore Wind Wire included](#) UMaine's work in the area of offshore deepwater wind energy in the Gulf of Maine as a story to watch in 2012. The story noted the contributions of Habib Dagher, director of UMaine's Advanced Structures and Composites Center and the leader of the DeepCwind Consortium. Contact: Jessica Bloch, 207-581-3777

Pest Expert on Radio Interview on New Fruit Fly Threat

18 Jan 2012

University of Maine Cooperative Extension pest management specialist Jim Dill was a guest for a live telephone interview Jan. 16 on the WZON radio morning show, The Pulse. He discussed a newly discovered fruit fly that has been located in Maine recently, which threatens the state's soft-skinned fruit, including blueberries, raspberries and strawberries prior to and during ripening. The interview starts about 35 minutes into the show. Contact: George Manlove, (207) 581-3756

Historian Segal Interviewed on MLK Legacy, Civil Rights

18 Jan 2012

University of Maine professor of history Howard Segal was an on-air studio guest Jan. 16 on the WZON radio station morning show, The Pulse, discussing the rise and legacy of Martin Luther King, Jr. and the progress of the civil rights movement. The discussion begins about 2 hours and one minute into the show. Contact: George Manlove, (207) 581-3756

Pilot Project to Stimulate Seaweed Production on Mussel Farms in Maine

18 Jan 2012

Seaweed is a \$6 billion industry worldwide. Different types of seaweed are harvested for a variety of uses including

fertilizer, food ingredients, and nutritional supplements. With more people looking to grow seaweed, otherwise known as kelp, marine microalgae or sea vegetable, as a business or for supplemental income, the University of Maine-based Maine Sea Grant is teaming up with Maine shellfish farmers to build expertise in growing kelp. Marine Extension Team members Dana Morse and Sarah Redmond are working with industry partners to construct a demonstration hatchery at the UMaine Center for Cooperative Aquaculture Research in Franklin, Maine. The project is being funded by a \$19,999 grant from the Maine Aquaculture Innovation Center. The industry partners are Pemaquid Mussel Farms (Carter Newell, Peter Fischer, Joe Larrabee, Tim Levesque), Evan Young of Blue Hill Bay Mussels, Matt Moretti of Wild Ocean Aquaculture, and Ocean Approved, the nation's first commercial kelp producer. The project is a leading Integrated Multi-Trophic Aquaculture (IMTA) effort in the U.S. to produce kelp on commercial mussel farms. IMTA, an alternative approach to standard mono-culture aquaculture, is believed to reduce the environmental impacts of commercial aquaculture systems. The kelp species being grown is the sugar kelp (*Latissima saccharina*). This species was chosen because of the existing know-how in producing seedlings, and the established market, both from Ocean Approved and wild harvesters. Sugar kelp is native to Maine, grows quickly, and can be delivered into a growing market. Through photosynthesis and growth, seaweeds remove carbon dioxide and nitrogen. The pilot project aims to build expertise in kelp farming among shellfish farmers; improve communications between kelp producers and buyers, and improve profitability for both sectors; gather observations on environmental factors and growth to improve site selection and production methods; and continue technology transfer on kelp production to other potential shellfish or seaweed farmers. The project is also an opportunity to evaluate the profitability of growing kelp. Seaweed aquaculture holds promise as a potential option for fishermen who are looking to diversify their income, and a way to keep working waterfronts active. As a winter crop, sugar kelp might be a product lobstermen could grow in the offseason. It would use much of the same expertise and equipment, and the crop is ready in April-June, at the point when many lobstermen are feeling the financial pinch. Project partners began deploying seeded lines in November 2011 in Casco Bay, between the mussel rafts of Wild Ocean Aquaculture. The project has expanded to other sites to evaluate kelp growth in Blue Hill Bay, Lamoine, Belfast and Walpole, with sites in Stonington to come next. The Marine Extension Team is a collaboration between Maine Sea Grant and UMaine Cooperative Extension. The team's goal is to provide coastal communities and other stakeholders with scientific information and assistance while ensuring that researchers are aware of the most pressing issues facing the state. Contact: Dana Morse, (207) 563-3146 x205 or dana.morse@maine.edu; Catherine Schmitt, (207) 581-1434 or catherine.schmitt@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

TV Stations Cover Page Visit

19 Jan 2012

Bangor TV station WABI covered Wednesday's visit to the UMaine campus by UMaine System chancellor finalist James Page, an adjunct associate professor of philosophy. Page spoke in an open forum at Wells Conference Center. Two other finalists are scheduled to speak at UMaine Thursday and Friday at 10 a.m. each day in Wells. WLBZ also covered Page's visit. Contact: Jessica Bloch, 207-581-3777

ABC News Interviews LaBouff on Polling Locations

19 Jan 2012

UMaine psychology lecturer Jordan LaBouff was interviewed by [ABC News](#) about his research into how where one votes might affect how one votes. LaBouff, who conducted the research while he was at Baylor University, and colleagues surveyed 99 people outside either religious or nonreligious landmarks in London and Maastricht, Netherlands. Regardless of their religious views, people surveyed near a church responded with more conservative views on a range of political issues, from border patrol to gay marriage.

Contact: Jessica Bloch, 207-581-3777

Website Carries News on Seaweed Pilot Project

19 Jan 2012

The [website Physorg](#) carried a news release about a pilot program coordinated by the UMaine-based Maine Sea Grant and UMaine Cooperative Extension to start a demonstration hatchery where a species of seaweed would be grown along with mussels. The project is an example of Integrated Multi-Trophic Aquaculture (IMTA), which is believed to reduce the environmental impacts of commercial aquaculture systems. Contact: Jessica Bloch, 207-581-3777

BDN Obituary on Patterson

19 Jan 2012

Leroy Patterson, a 33-year veteran of the UMaine Department of Public Safety, died Wednesday morning of cancer at the age of 67, according to a [story](#) in the Bangor Daily News. UMaine Police Chief Roland Lacroix told the BDN Patterson, who joined the department in 1977 and eventually rose to the rank of sergeant, touched a lot of lives while at UMaine and was seen as a father figure. Contact: Jessica Bloch, 207-581-3777

Extension Survey Finds Maine Farmers Optimistic about Future

19 Jan 2012

Maine farmers surveyed recently for a University of Maine Cooperative Extension research project expressed optimism about the state's farming opportunities and suggested business would improve if the "buy local" message reaches more consumers and institutions. With support from the university board of trustees, Extension specialists and a Maine Business School professor surveyed about 200 farmers through 15 focus groups held in 2011 to see how they viewed the future of farming through 2025. "We skewed invitations to younger farmers, but sessions were open to all farmers," says John Jemison, an Extension water quality and soil specialist and expert on community gardening in New England. "We met with all commodities, and held sessions with mixed farmer groups. In total, we met with 199 farmers and crop advisors." Farmers were asked what they are optimistic and pessimistic about, what changes are they are making on their farm because of changing weather and energy prices, what the state should do to grow Maine agriculture, and what their visions are for agriculture in 2025. Farmers cited the growing "buy local" movement as a significant source of optimism. Efforts to expand local food purchases and consumption are key to maintaining the growth of agriculture into the future, the researchers reported. "Another positive mentioned included availability of affordable land and water, and the potential to be able to feed ourselves," Jemison says. Respondents also cited the openness and helpful nature of other farmers in Maine as a source of optimism. Many farmers believe large and small farms will continue to expand, diversify, take advantage of economies of scale, and explore new technology to reduce farm energy costs and greenhouse gas emissions. Increasing sales by supplying locally grown food to hospitals, schools, universities and nursing homes, for example, will generate stable income and produce healthy food to improve the diet and health of Maine people, they said. Farmers also noted a need to capture more of the SNAP public assistance funds coming into the state. Obstacles challenging Maine agriculture include limited opportunities with established farmers' markets, loss or lack of infrastructure, and difficult regulations that make it hard for farmers to invest in their farms' infrastructure, respondents said. "For Maine to become the center or breadbasket for a regional food system, alternative arrangements are needed for middle size farms that are too large for intensive production and too small to enjoy benefits of economies of scale," Jemison and co-researcher Stephanie Welcomer of the Maine Business School say in a report on the survey. "Improved access to capital could come from a new farmer fund to help young farmers buy land. Given the physically demanding nature of farming, alternative or group insurance plans for farmers are needed to take advantage of large numbers of farmers who can't afford typical insurance programs." Researchers did the study to gauge how Maine farmers understand their competitive dynamics now and for the future, and what they need to make their farms sustainable. "We hope that the results will be useful for several groups, including the farmers, policymakers and food consumers of Maine," Welcomer says. The study provided valuable insight that could ultimately help increase support for Maine's food producers and lead to increasing availability of fresh, local and healthy Maine food, she says. Contact: John Jemison, (207) 581-3241; Stephanie Welcomer, (207) 581-1931

Professors Explain Internet Piracy Controversy

19 Jan 2012

University of Maine associate professor of new media Jon Ippolito and George Markowsky, professor and associate director of the UMaine School of Computing and Information Science, were interviewed for a 6 p.m. [Channel 7 \(WVII\)](#) news report Wednesday on proposed Congressional Internet piracy legislation. The proposal, designed to stem the unauthorized distribution of copyrighted content on the Internet, is a bad idea that will generate unintended consequences, Ippolito and Markowsky said. Contact: George Manlove, (207) 581-3756

UMaine grad featured in Forbes "30 Under 30"

20 Jan 2012

Ryan Tewhey, '05, recently was included in the "30 Under 30: Science" feature in Forbes magazine. The "30 Under 30" series highlights young professionals who are distinguishing themselves in their chosen fields. Tewhey graduated from UMaine in 2005 with a bachelor's degree in molecular and cellular biology, with an additional major in biochemistry. He is completing a Ph.D. in biology at the University of California, San Diego, exploring the use of DNA sequencing to understand what makes MRSA – methicillin-resistant Staphylococcus aureus – so deadly. The microbe is a growing threat in clinical settings such as hospitals and nursing homes, as well as in some nonclinical environments. A native of Gorham, Tewhey spent two years after completing his studies at UMaine working at the Broad Institute of MIT and Harvard, helping to complete the first genome-wide scan for genetic risk factors for Type II diabetes. For the past four years, in conjunction with his doctoral work, he has been conducting research at the Scripps Translational Science Institute in San Diego. Contact: Meg Haskell, (207) 581-3766

Website Notes Sea Grant's Seaweed Project

20 Jan 2012

FIS, the website of Fish and Information Services, [noted](#) a pilot project being done by the UMaine-based Sea Grant and Cooperative Extension's Marine Extension Team that will help mussel farmers build understanding and knowledge of growing kelp. Through photosynthesis and simple growth, seaweeds remove carbon dioxide and nitrogen from the atmosphere. Contact: Jessica Bloch, 207-581-3777

UMaine in Story about Transportation Research

20 Jan 2012

The [Mainebiz website](#) has an item (<http://www.mainebiz.biz/apps/pbcs.dll/article?AID=/20120119/NEWS0101/120119947>) about the news that UMaine is part of a consortium of New England schools that will receive a grant for transportation research. The research is part of a nationwide, \$77 million federal effort for research to promote transportation safety and efficiency. Contact: Jessica Bloch, 207-581-3777

Report on Dagher's Chamber of Commerce Award

20 Jan 2012

A [Bangor Daily News report](#) on Thursday night's Bangor Region Chamber of Commerce dinner noted UMaine's Habib Dagher, the director of the Advanced Structures and Composites Center, was named the winner of the Catherine Lebowitz Award for Public Service. Contact: Jessica Bloch, 207-581-3777

Coverage of Connecticut Regents' Announcement on Kennedy

20 Jan 2012

Several media outlets, including the Hartford Courant covered the news that former UMaine President Robert Kennedy has been appointed as president of the Connecticut Board of Regents. Kennedy had served as the interim president since

September. the Journal News of New York ran an Associated Press story about the announcement, which noted the regents oversee Connecticut's 12 community colleges, an online college, and four regional state universities. Contact: Jessica Bloch, 207-581-3777

Science Friday Radio Show to Include UMaine Wind Research

20 Jan 2012

Habib Dagher, the director of UMaine's Advanced Structures and Composites Center, will be a guest during the 3 p.m. hour Friday on the National Public Radio "Science Friday" show. Dagher will discuss the potential of deepwater floating turbines. Contact: Jessica Bloch, 207-581-3777

Fried Discusses Voter ID Issue on Radio Talk Show

20 Jan 2012

University of Maine political scientist Amy Fried was a call-in guest on the WZON morning radio talk show, The Pulse, on Thursday. She discussed problems with a proposed legislative initiative - LD199 - to require Maine residents to produce photo IDs before voting. The discussion starts about 2 hours and 6 minutes into the program.

Contact: George Manlove, (207) 581-3756

UMaine Climate Change Research Team Explores Chil an Glacier: Blog Three

23 Jan 2012

[Click here to see all Climate Change blog entries.](#) Yesterday we reached the camp at 13,780 feet. It's a small, flat, sandy area perched on a cliff within the Tupungatito lava flows. The view is spectacular, encompassing the Colorado Valley and many snow-capped mountain peaks. The two peaks that dominate the landscape are Tupungato (about 21,700 feet) and our research site, Tupungatito (about 19,000 feet). During the last few days Tupungatito's volcanic nature has become more pronounced as its characteristic fumaroles, or smoke emissions, have increased. [caption id="attachment_14565" align="alignright" width="300" caption="Research team with Tupungatito in the background. (Left to right) Ivan Masita Clavero, Michael Morrison, Paul Mayewski, Mariusz Potocki, Mike Waszkiewicz, Alejandro Neira, Andrei Kurbatov, Rodrigo Zamora, Francisco Gonzalez Garcia, Dan Dixon, Bjorn Grigholm."]



[/caption] The only downside to our camp location is that it lacks easily available water. We are relying on the Arrieros to bring water from our lower camp every couple of days. The plan is to remain in our current location for the next three days, giving us time to acclimate before we head to the next camp at 15,750 feet. During this time the Arrieros and their pack animals will continue to transport our gear to the higher camp. This morning they left with the majority of the snowmobile parts. [caption id="attachment_14564" align="alignright"



width="300" caption="A view from the campsite at 13,780 ft."]

[/caption]

Much of the snow that covered the slopes of Tupungatito has disappeared and the last few days of weather have been beautiful with plenty of sunshine. We continually monitor weather forecasts at the higher altitudes to get a better understanding of the conditions we may experience at the drill site on the glacier. The latest forecast we received reported wind speeds atop the mountain will increase significantly over the next few days, increasing from 25 mph to 45mph. On these windier days the windchill factor could drop to minus 26 degrees. Obviously, we hope for calm weather when we reach our drill site, but we have certainly come prepared for rough conditions. To follow the journey of the Tupungatito research team, [click here](#). The CCI component of the Tupungatito Expedition is supported by a generous gift from the Garrand Family of Portland, Maine.

Insect Pests Article Includes Drummond Comments

23 Jan 2012

A [Portland Press Herald article](#) that recently discussed several new invasive insect species that threaten the state included comments from University of Maine insect ecologist and Cooperative Extension entomology specialist Frank Drummond. Drummond described characteristics of a new-to-Maine spotted-wing drosophila, an Asian fruit fly that damages unripe and ripening fruit, including blueberries, strawberries, raspberries and other soft-skinned fruit and vegetables. Contact: George Manlove, (207) 581-3756

Media Coverage of Dagher Talk

24 Jan 2012

In a [story](#) on the Portland Press Herald website, Habib Dagher, the director of UMaine's Advanced Structures and Composites Center, told an audience in Augusta that the state's economy could grow by 15,000 jobs in the next 20 years if Mainers embrace offshore wind projects. The Boston Globe website also ran a version of the story. Dagher also appeared last week on [National Public Radio's Science Friday](#) to talk about the potential of deepwater floating turbines. Contact: Jessica Bloch, 207-581-3777

Extension Farm Program in Sun Journal

24 Jan 2012

UMaine Cooperative Extension Specialist David Handley and Educator Tori Jackson were interviewed for a Lewiston Sun Journal report on the struggles of Maine's small farmers to gain disaster relief funds. Handley and Jackson are co-administrators of Crop Insurance Risk Management Education for Maine, an Extension program in its 13th year. Jackson said Maine was seen as an underserved state by the crop insurance program. Contact: Jessica Bloch, 207-581-3777

Allan Interviewed in Hazing Article

24 Jan 2012

Comments from UMaine education professor Elizabeth Allan, who co-authored in 2008 with fellow UMaine faculty

member Mary Madden a national study on hazing, were included in an [Orlando Sentinel story](#) about hazing on college campuses. Allan said campus culture must be examined. Contact: Jessica Bloch, 207-581-3777

Newspaper Report on Fruit Fly

24 Jan 2012

The Lewiston Sun Journal included comments from Jim Dill, a UMaine Cooperative Extension educator and pest management specialist, in an [article](#) on an Asian fruit fly that threatens Maine's berry crops. Dill said the potential damage to Maine's low bush blueberry crop is the biggest concern. Contact: Jessica Bloch, 207-581-3777

Profile of Citizen Science Program

24 Jan 2012

Signs of the Seasons, a UMaine program coordinated by University of Maine Cooperative Extension and Maine Sea Grant climate change educator Esperanza Stancioff, was profiled in the [Lewiston Sun Journal](#). Signs of the Season utilizes citizen volunteers to diligently watch selected species on predesignated sites and record their observations about the life cycles of the species. Information about the life cycles of these species helps scientists track larger biological and ecological trends and make predictions about how a changing climate will affect ecosystems in Maine, according to the story. Contact: Jessica Bloch, 207-581-3777

Ferguson Named One of 'Twelve Maine Newsmakers to watch in 2012' by BDN

01 Jan 2012

The [Bangor Daily News](#) mentioned University of Maine President Paul Ferguson in an article naming him as one of Maine's top newsmakers for 2012.

UMaine Blue Sky Plan Listening Sessions Continue Friday

27 Jan 2012

To solicit input for UMaine's strategic plan, a series of one-hour information-gathering sessions will take place over the next several weeks. The Friday, January 27 session on university sustainability will be held at noon in 102 York Complex. The subject area is Interdisciplinary Research Initiative. For a complete list of topics, dates and locations, visit <http://umaine.edu/blueskyplan/information-gathering-sessions/>. Everyone in the university community is encouraged to attend and share their ideas for UMaine's future. Participants are encouraged but not required to bring a written summary of their idea (one page or less) or submit it online at <http://umaine.edu/blueskyplan>. In preparing a summary, participants are encouraged to answer any or all of the following questions: What do you see as a key area of distinction at UMaine? What do you see as an opportunity or challenge that UMaine faces? What solution do you propose? How will this solution enable UMaine to achieve a new vision of institutional excellence and realize its position as a leading 21st century Land and Sea Grant University? How would you assess whether this solution is successful? For more information, contact Linda Silka at silka@maine.edu.

UMaine Alumna Pamela White Nominated for Haiti Ambassadorship

24 Jan 2012

Auburn, Maine native Pamela Ann White, U.S. ambassador to Gambia and a 1971 University of Maine graduate, has been nominated by President Obama as the new U.S. ambassador to Haiti, according to an article in the [Portland Press Herald](#). White earned an undergraduate degree in journalism at UMaine and a master's degree in international development at the School for International Training in Brattleboro, Vt. Channel 2 (WLBZ) also reported on the nomination.

Contact: George Manlove, (207) 581-3756

Political Scientist Comments on Governor's Address

25 Jan 2012

Comments from UMaine political scientist Mark Brewer were included in a [Bangor Daily News report](#) on Gov. Paul LePage's State of the State address Tuesday night. Brewer said he thought the speech was effective and struck the right tone. Contact: Jessica Bloch, 207-581-3777

Newspaper Profile of Tropical Fish Company

25 Jan 2012

The Working Waterfront newspaper has a [profile](#) of the Maine company Sea & Reef Aquaculture, a tropical fish-breeding business which was founded by Soren Hansen and Chad Callan when they were UMaine graduate students. The article recounts how Hansen started a project to raise clownfish while he was working on a master's degree and had help from Prof. David Townsend of the UMaine School of Marine Sciences, and Jake Ward, who is UMaine's assistant vice president for research, economic development and governmental relations. The company was first located at UMaine's Aquaculture Research Center in Orono and has since moved to UMaine's Center for Cooperative Aquaculture in Franklin. Contact: Jessica Bloch, 207-581-3777

News Reports UMaine Alumna's Ambassadorship Nomination

25 Jan 2012

The [Bangor Daily News](#) and [Lewiston Sun Journal](#) carried a story today about Auburn native and UMaine graduate Pamela White, who has been nominated by President Obama to be the next U.S. Ambassador to Haiti. The career foreign service minister has been serving as the U.S. ambassador to Gambia. Contact: George Manlove, (207) 581-3756

Channel 5 Features UMaine Art Museum

25 Jan 2012

Channel 5 (WABI) on Tuesday aired a feature report on exhibits at the [University of Maine Museum of Art](#) and the renewed gift from Machias Savings Bank to subsidize the museum to offset public admission fees. The museum on Harlow Street in Bangor is free to visit. Contact: George Manlove, (207) 581-3756

Television News Covers UMaine's Patterson Service

25 Jan 2012

Channel 5 (WABI) Tuesday covered the funeral service for popular and longtime University of Maine police officer Leroy Patterson, who died last week after battling cancer. A fixture at UMaine for 33 years, Patterson also was a successful Bangor High School all-around athlete who won an athletic scholarship to the University of Cincinnati. His obituary was in the Bangor Daily News. Contact: George Manlove, (207) 581-3756

Coastal Newspaper Reports on Farmer Outlook Survey

25 Jan 2012

The Knox County edition of Village Soup newspapers carried an article based on a UMaine news release about a recent survey of Maine farmers' outlook for the future by the university's Cooperative Extension. Extension water quality and soil specialist John Jemison and Stephanie Welcomer of the Maine Business School reported that farmers are generally

optimistic about their futures, in spite of challenges, and said they would be better off if more consumers buy local produce. Contact: George Manlove, (207) 581-3756

Strong Interviewed for Reuters Story About Corporate Pensions

26 Jan 2012

Robert Strong, a UMaine business professor, was interviewed for a Reuters wire service story in the Chicago Tribune about the sliding value of corporate pensions. Strong said corporations will likely continue to attempt to buy out some employees from benefit plans. Contact: Jessica Bloch, 207-581-3777

Advance on Black Bears Sportsmanship Academy

26 Jan 2012

The [Bangor Daily News](#) reported that UMaine women's basketball coach Richard Barron will moderate the first Black Bears Sportsmanship Academy, during which Barron will talk to a group of area youngsters about good sportsmanship and UMaine student-athletes will direct activities that promote good sportsmanship. The event will be held at 3:45 p.m. Saturday in the Alfond Family Lounge. It is slated between games of the basketball doubleheader between UMaine and Binghamton at Alfond Arena. Contact: Jessica Bloch, 207-581-3777

AP Report on Poverty Study

26 Jan 2012

An Associated Press story about a report on poverty in Maine, prepared by UMaine's Margaret Chase Smith Center for Public Policy, which will be released Thursday, was noted on the website of Bangor TV station WABI. The report found that the 2010 poverty rate of 12.5 percent was up from 11.4 percent in 2009. Contact: Jessica Bloch, 207-581-3777

Op-ed Notes Social Work Research

26 Jan 2012

Sandra Butler, a UMaine social work professor, was noted in a [Bangor Daily News op-ed](#) about childless adults on MaineCare for her research into the population served by the MaineCare Childless Adults Waiver program. Butler did the research, which included interviewing a small subset of people who receive MaineCare through the program, for a report sponsored by Maine Equal Justice Partners. Contact: Jessica Bloch, 207-581-3777

Students, Business Preparing for 2012 UMaine Career Fair

26 Jan 2012

Some 85 companies and organizations, and as many as 1,000 college students, are preparing for the annual Career Fair Feb. 1 at the New Balance Student Recreation Center, sponsored by the UMaine Career Center. The annual event connects employers with students, who often land internships or full time jobs as a result of the introductions. The [Career Center website](#) has details. Contact: Patty Counihan, (207) 581-1355

Newspaper Notes Student Taxpayer Assistance Program

26 Jan 2012

The Bangor Daily News noted that University of Maine business school students are once again offering free income tax filing assistance for low- and moderate-income filers. Overseen by accounting professor Steve Colburn, the students meet with members of the public on Fridays, at the Orono Public Library, Feb. 3-April 13. Contact: Steve Colburn,

(207) 581-1982

Margaret Chase Smith Center Report Updates State's Poverty Data

26 Jan 2012

The University of Maine's [Margaret Chase Smith Policy Center](#), in conjunction with the Maine Community Action Association, today released a county-by-county report on [poverty in Maine \(PDF\)](#) revealing that, based on recently released figures from the U.S. Census, 12.9 percent of the state's population was living in poverty in 2009-2010, up from 12.4 percent in 2007-2008. The national poverty rate was 15.1 percent in 2009-2010. The report also notes that the number of children and older adults living in poverty is high, with the number of seniors in poverty above national averages, and 18.2 percent of children living in poverty. In 2011, the report notes that more than 45 percent of Maine schoolchildren are eligible for free and reduced-cost school lunches, with the figure close to 60 percent in some counties. "The new county-level figures demonstrate clearly that poverty in Maine is a statewide challenge," writes Pat Kosma, president of the Community Action Association - for whom the report was written - in the report's forward. "While the urban areas of Portland, Lewiston-Auburn, and Bangor have significant low-income populations, poverty is not simply an urban issue." Washington County has the highest poverty rate in the state at 19.4 percent, followed by Somerset at 18.6 percent and Piscataquis at 16.6 percent, according to the report. "This suggests that state policymakers should consider the unique needs of those in rural areas as it implements programs for low-income residents," Kosma says. Ann Acheson, a Margaret Chase Smith Policy Center research associate who co-authored the report, joined the Maine Community Action Association today to release the report at the State House in Augusta. Contact: George Manlove, (207) 581-3756

Website Names Orono a Top Hockey City

26 Jan 2012

The website [Bleacher Report](#) named Orono one of the nation's 50 best hockey cities. The ranking cited the "fantastic players" that have come out of UMaine and also the "red-hot" hockey community. Orono was ranked 29th, ahead of communities with NHL teams such as Anaheim, Calif., Dallas, and Tampa Bay. Contact: Jessica Bloch, 207-581-3777

Senior Companion Report Says Home Visits Saved \$4.6 Million

27 Jan 2012

An economic impact survey of elder Maine residents receiving regular visits by the University of Maine Cooperative Extension's Senior Companion Program has concluded that the program saved at least \$4.6 million in 2011 by supporting elders choosing to remain in their own homes. Senior Companions helps aging Maine residents remain independent and in their homes, particularly when they live in rural areas and don't have relatives living nearby. The program has some 124 senior companion volunteers who serve more than 500 clients. In 2010, companions made 27,510 visits for a total of 83,712 hours in 14 of Maine's 16 counties, according to Cooperative Extension. The recent surveys returned by about 100 clients included people who were 90 years old or older and who live in their own homes alone. They were asked about heart disease, dementia or diabetes and if they have family living close by. Those reporting they live alone with at least one chronic illness, and thought they would be in a nursing home if not for their senior companion, said they would need MaineCare to pay for nursing home residency. "We took into account other funding and made sure those amounts were deleted from the total, including the \$14,340 which is currently received from the state," says Ann Swain, program director. "We concluded, based on average nursing home costs, that the Senior Companion Program saves MaineCare \$4.6 million per year." Swain notes that the Senior Companion Program could be saving the state much more if the current total client population were surveyed. "Imagine how much we could be saving in MaineCare dollars if we had the funds to visit clients across the state of Maine who are not currently being visited," she says. Assisting in the survey were John Rebar, Cooperative Extension director, Deb Eckart, an Extension educator in Machias, in addition to Swain in Orono. Contact: Ann Swain, (207) 581-3326

Hastings Column Proposes a Bipartisan Approach to Politics

30 Jan 2012

An opinion column in a recent edition of the [Bangor Daily News](#) by Mike Hastings, director of the UMaine's Office of Research and Sponsored Programs, described the Maine Congressional Delegation created by then-U.S. Sen. Ed Muskie in 1973 to provide a bipartisan forum in Washington for Maine's~representatives to discuss on a monthly basis the needs of constituents back home. State delegations meeting periodically as units could be a step toward restoring a sense of trust and cooperation missing from politics today. Contact: Mike Hastings, (207) 581-1484

MPBN Interviews Acheson on New Poverty Report

30 Jan 2012

Maine Public Broadcasting Network interviewed Ann Acheson of the Margaret Chase Smith Policy Center for a Thursday Maine Things Considered news report about research done by the Center on poverty levels in Maine for the Maine Community Action Association. It says children and older Maine residents are increasingly living in poverty, and that an average of 45 percent of Maine schoolchildren qualify for free or reduced-cost school lunches. MPBN and the Canadian Business website also carried as Associated Press reports on the release Thursday of the study. Contact: George Manlove, (207) 581-3756

Bangor Daily News Advances UMaine Career Fair

30 Jan 2012

The [Bangor Daily News](#) advanced the Feb. 1 Career Fair planned by UMaine's Career Center at the New Balance Student Recreation Center. Representatives from some 85 companies, organizations and graduate school programs are looking to meet UMaine and other colleges students who could land internships and full or part time jobs. Contact: Patty Counihan, (207) 581-1355

Extension Senior Companions Report Says Program Saved \$4.6 Million

30 Jan 2012

An economic impact survey of elder Maine residents receiving regular visits by the University of Maine Cooperative Extension's Senior Companion Program has concluded that the program saved at least \$4.6 million in 2011 by supporting elders choosing to remain in their own homes. A [news release](#) has details. Contact: George Manlove, (207) 581-3756

Blue Sky Plan Listening Sessions Continue Monday

30 Jan 2012

The next in a series of one-hour information-gathering sessions President Ferguson has organized over the next few weeks to solicit input for UMaine's strategic plan will take place from 10-11 a.m. today, Jan. 30, in the McIntire Room of Buchanan Alumni House. The subject area is Academic Programs. For a complete list of topics, dates and locations, visit <http://umaine.edu/blueskyplan/information-gathering-sessions/>. Everyone in the university community is encouraged to attend and share their ideas for UMaine's future. Participants are encouraged but not required to bring a written summary of their idea (one page or less) or submit it online at <http://umaine.edu/blueskyplan>.

In preparing a summary, participants are encouraged to answer any or all of the following questions: What do you see as a key area of distinction at UMaine? What do you see as an opportunity or challenge that UMaine faces? What solution do you propose? How will this solution enable UMaine to achieve a new vision of institutional excellence and realize its position as a leading 21st century Land and Sea Grant University? How would you assess whether this solution is successful? For more information, contact Dana Humphrey, (207) 581-2216; Brianna Hughes, (207) 837-2872.

Stack Quoted in Story on Growing Zones

30 Jan 2012

Lois Stack, an ornamental horticulture specialist for UMaine's Cooperative Extension and a professor of sustainable agriculture, was interviewed for a [Kennebec Journal story](#) about the USDA's new plant hardiness zone map, which was released last week and shows how growing zones have changed since the last growing guide was published 22 years ago. Stack said a gardener can use the map to decide what plants would do best in a garden. Contact: Jessica Bloch, 207-581-3777

TV Report on Benefit Basketball Tournament

30 Jan 2012

Bangor TV station WABI reported on Sunday's 3-on-3 basketball tournament that was a fundraiser for the Strong Minds, Strong Bodies organization headed by UMaine alumnus and former Black Bear football player Roosevelt Boone. Boone said the free program offers kids the opportunity to participate in physical activity and able to learn during the summer months instead of participating in at risk activities or at risk behaviors. The tournament was held in UMaine's field house. Contact: Jessica Bloch, 207-581-3777

Martin Column on Advertising Practices in Newspaper

30 Jan 2012

Justin Martin, a UMaine CLAS-Honors College Preceptor of Journalism, has a column on the Poynter website in which he writes about advertising practices in the Bangor Daily News. Martin argues that a recent BDN advertising supplement creates confusion over what is news and what is advertising. Contact: Jessica Bloch, 207-581-3777

Campus Activities Scheduled for President's Inauguration

30 Jan 2012

The inauguration of University of Maine President Paul Ferguson will be Thursday, April 19 and a number of events on and off campus are planned as part of a Leadership Week, April 11-20. A [website](#) provides the latest information about the inauguration and related events. Beginning this week, Save the Week and other correspondence will be sent to members of the University community on and off campus. Contact: Jessica Bloch, 207-581-3777

Segal Discusses Kennedy Conspiracy Claims on WZON

30 Jan 2012

University of Maine history professor Howard Segal was a studio guest on WZON radio's morning talk show, The Pulse, Friday, Jan. 27, discussing and downplaying conspiracy theories about the Kennedy assassination. The John F. Kennedy Presidential Library and Museum last week released the final 45 hours of White House recordings made secretly in the last few months of Kennedy's life. Segal's discussion begins 2 hours, 26 minutes and 26 seconds into the program. Contact: George Manlove, (207) 581-3756

McConnon Interviewed for Cash Versus Credit Feature

30 Jan 2012

University of Maine Cooperative Extension specialist and professor of economics Jim McConnon was interviewed for a Lewiston Sun Journal column by a staff writer on her family's decision to put away credit cards and shop only with cash. McConnon observed that studies show more Americans are using credit cards wisely and cautiously, holding less debt and using cash more often than in the past. Contact: George Manlove, (207) 581-3756

International Coverage of Milk Study

31 Jan 2012

A study about dairy products and cognitive function, in which UMaine psychologist/epidemiologist Merrill “Pete” Elias, and psychologists Michael Robbins and Gregory Dore collaborated with a researcher at the University of South Australia, is receiving international coverage. The Times of India included a report about the study, published recently in the International Dairy Journal, which found dairy products in adult diets improve cognitive function. New Zealand's MSN NZ Health Hub website also ran a [story](#). The British newspaper Daily Mail also [reported](#) on the study. Contact: Jessica Bloch, 207-581-3777

Fried Blog Moving to BDN Website

31 Jan 2012

UMaine political scientist Amy Fried [announced](#) her "Pollways" blog is moving to the Bangor Daily News website blog section. Fried, who writes a biweekly op-ed piece for the BDN, will continue to post on "Pollways," which focuses on Maine and U.S. politics, cultural phenomena, discussions of government public opinion research and the Japanese-American internment, and notes on teaching methods. Contact: Jessica Bloch, 207-581-3777

University of Maine to Host Schoodic International Sculpture Symposium

31 Jan 2012

ORONO, Maine – The University of Maine will host this summer’s Schoodic International Sculpture Symposium (SISS), a biennial cultural event that will bring eight internationally recognized sculptors to the UMaine campus to create stone artwork for permanent display at eight locations in Orono, Old Town and Bangor. This year’s symposium will be held July 22-Aug. 31 and is a partnership between SISS and UMaine. UMaine will receive two sculptures that will be located on the campus, and the University of Maine Foundation will receive another sculpture. The sculptors will work during their six weeks at UMaine from 9 a.m. to 5 p.m. most days of the week in the steam plant parking lot off College Avenue. The site is free and open to members of the public who want to watch the sculptors at work. Three previous symposia had been based at either the Schoodic Education and Research Center (SERC) in Winter Harbor or at Fisher Field in Prospect Harbor. UMaine stepped forward in 2011 to host the fourth SISS. “We had had some interest from communities near the University of Maine, so it makes sense to have it here because those communities will have a chance to watch the process,” said SISS art director Jesse Salisbury, a Steuben resident who started the symposium and took part in the first one. “There is also a natural tie-in with our goal of involving students to not only enhance their learning, but also to enhance the project.” The other participating groups are the town of Orono, the cities of Bangor and Old Town, Husson University and Eastern Maine Healthcare Systems. Each participating group has a committee, including city and town councilors for the municipal participants, that will help determine the location for each piece and also recommend the best sculptor match for the site and community. One of UMaine’s sculptures will be installed at Nutting Hall, which is a Percent for Art site. The seven other sites are currently in the selection process. Janet Waldron, UMaine vice president for administration and finance, is leading a campus committee to determine the location of the second sculpture. SISS officials estimate more than 10,000 people could visit the symposium while it is in progress. “This is a huge opportunity for the University of Maine,” said Elaine Clark, UMaine executive director of facilities, real estate and planning who is coordinating UMaine’s SISS fundraising and organizational efforts. “We’re using an art form to bring quite a bit of activity into Orono and the UMaine campus at a time when it’s normally very quiet. We hope there will be an economic impact for the university and the whole area. In addition, our students will have the opportunity to participate through course work and apprenticeships.” Each participating community is raising a minimum of \$20,000, which is nearly one-half of the cost of a sculpture. UMaine will raise, through grants and donations, a total of \$140,000 and provide in-kind support such as meals, housing and use of equipment and facilities. Previous groups that have received sculptures include the city of Ellsworth, the towns of Addison, Bar Harbor, Blue Hill, Deer Isle, Eastport, Franklin, Gouldsboro, Hancock, Lamoine, Milbridge, Roque Bluffs, Sorrento, Southwest Harbor, Steuben, Sullivan, Winter Harbor, and SERC. There is also a sculpture on the University of Maine System campus in Machias, which was sponsored by the town of Machias and the Machias Chamber of Commerce. This is the

first year that more than half of the participating groups will be institutions rather than municipalities. “We’re looking forward to how different this SISS will be in that we’re dealing with not just communities, but also organizations,” said Tilan Langley, the symposium’s project manager. There will also be an educational component with a symposium-related summer course to be taught by Greg Ondo, a UMaine assistant art professor who runs UMaine’s sculpture studio. The eight sculptors are chosen through a juried process with the final eight likely to be announced in March. So far, more than 170 sculptors from all over the world have applied to be a part of the symposium. In previous years, sculptors have come from Turkey, France, Japan, Egypt, Germany, the Republic of Georgia, Poland, Sweden and Maine. The granite for the sculptures comes from local quarries. For more information about the symposium, go to <http://schoodicsculpture.org/>.

Contact information for each of the participating communities is as follows: Bangor: Shirar Patterson, shirar.patterson@bangormaine.gov Eastern Maine Healthcare Systems: Lynda Rohman, lrohman@emh.org Husson University: Julie Green, greenj@husson.edu Old Town: James Dufour, jdufour@macchasedufour.com Orono: Maria Weinberger, mariaw@orono.org University of Maine: Elaine Clark, elaine.clark@umit.maine.edu University of Maine Foundation: Judith Round, round@maine.edu Contact for Schoodic International Sculpture Symposium: Gerry Williams, (207) 667-5268 or germarl@roadrunner.com; Contact for UMaine: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Searching for Extremophiles: Blog Four

31 Jan 2012

[Click here to see all Climate Change blog entries.](#) It is now our fifth day at 15,750 feet. We had originally planned for 3-4 days at this camp, however, in the last few days the winds above 16,000 feet have steadily increased, with gusts up to 55 mph. We are waiting for a break in the weather to begin setting up our larger tents next to the glacier. In the meanwhile, our team has begun organizing gear and building the drill at the 18,270 foot camp. [caption id="attachment_14692" align="alignright" width="166" caption="Rodrigo Zamora carrying lake samples out of



Tupungatito crater"] [caption] The hike to the camp involves climbing up steep slopes to the rim of Tupungatito crater, where you get an amazing view of the Andes and can peer into Argentina. It's another mile following the crater rim to reach the glacier. In addition to breathtaking views of the mountains, once on the rim you can look down into one of Tupungatito's craters and see an incredible bubbling volcanic lake. The lime-green color of the water, the yellow, sulfur-stained crater walls, and the constant hissing of escaping toxic gases convey a beautiful but hostile Martian-like environment. Ironically, these are the types of environments in which many biologists are searching for life. The organisms that thrive in extreme environments like Tupungatito's acidic volcanic lakes are referred to as "Extremophiles." Yesterday, our team assisted a CECS biologist in the collection of water samples from the lake. We had to wear filtered masks and goggles as exposure to the fumes can be very hazardous. The experience was fantastic even though hauling 50 pound water containers up steep, sandy slopes at 17,000 feet was exhausting and the mask seemed at some points to limit oxygen as much as the toxic gases. The biologist is currently heading back to his lab in Valdivia and we're all very interested to see what he finds. [caption id="attachment_14691" align="alignright" width="300" caption="Camp at 15,750ft. Pollerita Mountain in the background."]



[/caption] Whether we are acclimatizing, preparing our gear, or jumping into craters, our Arriero (cowboy) friends have continued to assist us along the way. They recently carried up roughly two-and-half weeks worth of food. The arrival of new supplies like bacon, cheese, tuna, and (for some) marmite was thoroughly celebrated. It's always nice when the Arrieros come to camp. They're always in great spirits, laughing and joking around. Their laid-back nature makes it easy to forget how difficult their profession is. It requires a great amount of skill and stamina, and yet they make it look simple. We're all very curious about the Arriero way of life and how it has been passed down from generation to generation and how it coincides with the modern world. Sadly, the Arrieros say the next generation will most likely choose other professions as Chile's economy and urbanization have created job demands elsewhere. During their last visit it was nice to see that they were accompanied by a young Arriero named Luis. In addition to preparing for the ascent of Tupungatito and the ice core drilling, we are also continually planning the descent from the glacier. The 400 feet of ice cores we plan to collect will be carried on the mules in insulated boxes with dry-ice for two days to the safety of a freezer truck at the Colorado Valley trail head. We just heard today that the bridge that caused us delays a couple weeks ago is again flooded. If it remains flooded the truck will be unable to cross so we will need to begin planning for that possibility. The dry ice can only protect our ice cores from melting for 24-36 hours. In the past couple of days two team members have had to leave. Rodrigo Zamora left to conduct radar surveys in northern Chile on another CECS expedition. Dan Dixon is returning home to Maine to his wife Erika to await the arrival of their first child. Our best wishes go out to the Dixons.

Blue Sky Plan Listening Sessions Continue Wednesday

01 Feb 2012

The next in a series of one-hour information-gathering sessions President Ferguson has organized over the next few weeks to solicit input for UMaine's strategic plan will focus on Research from 10-11 a.m. today, Feb. 1, in the McIntire Room of Buchanan Alumni House. An afternoon session also today, from 2-3 p.m. at the Foster Center for Student Innovation, the topic is Innovation & Economic Development. For a complete list of topics, dates and locations, visit www.umaine.edu/blueskyplan/information-gathering-sessions. Everyone in the university community is encouraged to attend and share their ideas for UMaine's future. Participants are encouraged but not required to bring a written summary of their idea (one page or less) or submit it online at <http://umaine.edu/blueskyplan/> In preparing a summary, participants are encouraged to answer any or all of the following questions: What do you see as a key area of distinction at UMaine? What do you see as an opportunity or challenge that UMaine faces? What solution do you propose? How will this solution enable UMaine to achieve a new vision of institutional excellence and realize its position as a leading 21st century Land and Sea Grant University? How would you assess whether this solution is successful? Contacts: Jan Kristo, 581-2454 or Scott Johnson, 581-2142 (Research) Jeff St. John, 581-3477, Jake Ward, 581-2201 or John Rebar, 581-2811 (Innovation & Economic Development)

Announcement of Hiring for Innovation Partnership

01 Feb 2012

In a news release on the Wall Street Journal's Market Watch web page, Blackstone Accelerates Growth, a statewide initiative involving the Maine Technology Institute, the Maine Center for Entrepreneurial Development and UMaine, announced the hiring of John Voltz as its Executive Director. The Blackstone Foundation launched in October a \$3 million fund to help Maine's entrepreneurial community create more innovative companies and jobs, and expand

innovation engineering offerings through UMaine's Foster Center for Student Innovation.

McConnon Interviewed on Gas Prices

01 Feb 2012

UMaine economist Jim McConnon was interviewed by Bangor TV station WLBZ for a report on rising gas prices in Maine. McConnon said there are a number of different reasons for prices being so steep, including high oil prices and instability in the Middle East. Average gas prices in Maine right now are second highest in New England, McConnon added. Contact: Jessica Bloch, 207-581-3777

Comments from Hazing Expert in Florida Newspaper

01 Feb 2012

Comments from Mary Madden, a UMaine education faculty member who is considered a national expert on hazing at the college level, were included in an Orlando Sentinel story about a hazing incident involving Florida A&M University's marching band. Madden told the newspaper that the school's decision to suspend its summer band camp and temporarily bar students from joining clubs and organization is a bold move on the school's part to get a hold of the situation. The Chronicle of Higher Education also posted Madden's comments on its website. Contact: Jessica Bloch, 207-581-3777

Report on Extension Collaboration with Piscataquis Grade-Schoolers

01 Feb 2012

A Bangor Daily News [website posting](#) on the GrowME project to garden and farm with children in kindergarten through grade three noted that UMaine Piscataquis County Extension will also take part in the effort. Local volunteers will work with teachers to schedule an agricultural activity in their classrooms during Maine Agricultural Week, March 12-16. Contact: Jessica Bloch, 207-581-3777

Canadian TV Network Interviews Researcher

01 Feb 2012

Canada's [SunNews TV network](#) interviewed UMaine psychology researcher Jordan LaBouff about the role that context plays in people's attitudes and behavior. LaBouff said his research shows that people in religious environments, whether they are near or inside churches, express more conservative attitudes. LaBouff, who conducted the research while he was at Baylor University, and colleagues surveyed 99 people outside either religious or nonreligious landmarks in London and Maastricht, Netherlands. Contact: Jessica Bloch, 207-581-3777

Dairy Study Receives Coverage

01 Feb 2012

Several media outlets, including New Zealand's New Age website continue to report on the findings of a study about dairy products and cognitive function, in which UMaine psychologist/epidemiologist Merrill "Pete" Elias, and psychologists Michael Robbins and Gregory Dore collaborated with a researcher at the University of South Australia. The study, which was also reported in Medical Daily found dairy products in adult diets improve cognitive function. The [parenting blog Babble](#) also posted a story. Contact: Jessica Bloch, 207-581-3777

Former UMaine Philosophy Professor Ralph Hjelm: 1923-2012

02 Feb 2012

Former professor and chair of the University of Maine Philosophy Department Ralph O. Hjelm, 88, died Jan. 16 at his home in Keene, N.H., after a brief illness. He was born Jan. 20, 1923, in New Britain, Conn., the son of a Lutheran minister, and grew up in Worcester, Mass., Chicago and Washington. He received a B.A. from Upsala College in East Orange, N.J., and a B.D. from Augustana Theological Seminary (now the Lutheran School of Theology at Chicago), and attended Union Theological Seminary from 1947 to 1949, earning an STM in modern theology. In 1954, he earned a Ph.D. in the history and philosophy of religion at Harvard University. While at Harvard, Hjelm served as minister of the Lutheran Church of the Redeemer in Woburn, Mass. and married Margaret Stever, with whom he raised two sons. He was a professor at Upsala from 1954 until 1969, when he joined the faculty of the University of Maine. At UMaine, he led the religious studies program and served as philosophy department chair. His academic career also included a year of graduate study in contemporary theology and philosophy at Cambridge University (1961), a Fulbright fellowship in Cairo (1965), a visiting scholarship at Harvard Divinity School (1977) and a visiting professorship at Berea College (1983). In addition, he spent two summers as a staff member on archaeological expeditions in Jordan. Upon retiring from UMaine in 1988, he moved to Peterborough and later Keene, N.H. Hjelm is survived by his two sons, Jeffrey, of Camden, Maine, and Thomas, of New York; their wives, Dori Harnett and Adriana Bratu; a sister, Louise Field, of Scottsdale, Ariz.; and a brother, Norman Hjelm, of Wynnewood, Pa. A complete obituary was published in the [Bangor Daily News](#). Contact: George Manlove, (207) 581-3756

Coverage of Career Fair

02 Feb 2012

Bangor TV station WLBZ covered Wednesday's annual Career Fair, which was held at UMaine's New Balance Student Recreation Center. The report said hundreds of students had the opportunity to visit with dozens of companies and organizations about jobs and internship opportunities. Several students, including mechanical engineering major Jake Low, who said location and job satisfaction are more important to him than pay, were interviewed for the story. Contact: Jessica Bloch, 207-581-3777

Reports on Innovation Initiative Hiring

02 Feb 2012

Several media outlets have reported on the news that John Voltz has been hired as executive director of Blackstone Accelerates Growth, a statewide initiative involving UMaine's Foster Center for Student Innovation. Mainebiz had a story about the hiring, noting that the Blackstone Foundation launched in October a \$3 million fund to help Maine's entrepreneurial community create more innovative companies and jobs, and expand innovation engineering offerings through the Foster Center. The website Hedge Week also had a story noting the hiring and UMaine's connection to the initiative, which also includes the Maine Technology Institute and the Maine Center for Entrepreneurial Development.

Contact: Jessica Bloch, 207-581-3777

Dairy Study in New York Newspaper

02 Feb 2012

The New York Daily News carried a [report](#) about UMaine research that links consumption of dairy products to high cognitive abilities in adults. The article noted that researchers at UMaine found adults who consumed more dairy products scored "significantly" higher on memory and other cognitive tests than those who drank little to no milk. Contact: Jessica Bloch, 207-581-3777

UMaine Partnership Beefs up 9th-Grade Earth Science in Area Schools

02 Feb 2012

OLD TOWN – There is Planet Earth, which, for the sake of the discussion taking place in Ed Lindsey's 9th-grade

science class at Old Town High School, is a spherical object made of rock, watery on its surface and wrapped in a layer of air. And there is the mysterious Planet Z, identical to Earth in every way, but without air or water. The two planets revolve around an identical star at the same distance and speed. [caption id="attachment_14737" align="alignright"



width="300"] Ed Lindsey '84, who teaches science at Old Town High School, helps students in his 9th-grade Earth Science lab explore and measure the transfer of energy. Old Town High School is one of six regional schools to participate in the Penobscot River Educational Partnership's Earth Science Collaborative, which taps into multi-disciplinary expertise at the University of Maine.[/caption] Here's the question Lindsey's Earth Science students are exploring: How will the energy of the sun differently warm these two planets? "Planet Z will heat up slower but eventually will be hotter than the Earth at the equator," posits student Jaime Lemery, "but Earth will be warmer at the poles." That's the hypothesis she and her lab partner Rowan Shelly are setting out to test, based on their mental image of water molecules being "freer" than molecules of rock and therefore transferring heat more readily. Lindsey's 9th-graders are among hundreds of students benefitting from a partnership between UMaine and regional public schools. The [Penobscot River Educational Partnership's](#) Earth Science Collaborative draws participation from six area communities — Old Town, Orono, Bucksport, Hermon, Hampden and Brewer — with input and support from several programs at the University of Maine, including the [College of Education and Human Development](#), the [College of Engineering](#) and the [Maine Center for Research in STEM Education](#), which promotes career paths in science, technology, engineering and mathematics and works with educators to bring research-supported practices into their classrooms. The Penobscot River Educational Partnership, Down East Educational Partnership and the Searsport and Belfast Schools are all part of the [Maine Physical Sciences Partnership](#) (PSP), a \$12.3 million dollar initiative funded by the National Science Foundation to bring together schools and University of Maine faculty to work together to improve physical sciences teaching and learning in grades 6-9. Now in its second year, the PSP holds regional meetings each week in which teachers, faculty, and graduate students learn from inquiry-based activities and discuss using them in classrooms. Professor Susan McKay, the director of the RiSE Center and Principal Investigator of the PSP, emphasizes how valuable it is for teachers to be using common instructional resources and to have a community of other educators to support their work. "Building this partnership is a very important and rewarding part of the PSP," McKay says. The Earth Sciences Collaborative strives to create and support an engaging 9th-grade curriculum that will respond to the variable developmental levels of high school freshmen and prepare them for the rigors of upper-level classes in biology, chemistry and physics. With help from PREP partners at UMaine, the participating schools have developed elements of a curriculum that gets youngsters grappling with big-picture science concepts within the framework of Earth Science. "What we've tried to do is complicated but worthwhile," says Lindsey, a 1984 UMaine graduate. "It is to develop deep understanding of a few concepts that have explaining power over many topics and disciplines — examples are the behaviors of systems, energy and energy transfer, the balance of forces and resulting motions — and to impart in citizens a sense of the connectedness of Earth's systems." For Lindsey and his Old Town High School colleague Lisa Schultz, that means getting students talking about big scientific ideas rather than about a lot of specific facts. It means introducing them to the language and culture of the science lab, the scholarly practice of evidence-backed debate, and the value of being able to articulate and defend their ideas coherently. "What we want them to be doing is engaging in inquiry," he says, "not just filling up their heads up with facts." For the planet-warming inquiry, the students in Lindsey and Schultz's labs are using some specialized equipment developed at UMaine. Each pair of lab partners is assigned two narrow, tabletop troughs made of clear plastic. Designed to the teachers' specifications, the troughs were assembled at the [Advanced Manufacturing Center](#) on campus. The students fill one trough — "Earth" — with room-temperature water. The other gets filled with dry, pebbly material that looks like fish-tank gravel — that's the mysterious, waterless Planet Z. A lamp with a bright incandescent bulb shines on the center of the

two troughs, hot as the sun. The students outfit each of their planet models with electronic temperature sensors, one in the center of the trough and the other at one of the ends, representing the equatorial and polar regions of the planet respectively. Data-carrying cables from the four sensors are joined into a single strand, wired to a thumb-sized circuit board and plugged directly into the USB port of the students' school-issued laptop computers. Developed and manufactured last semester by UMaine engineering students, the "UMeter" sensor is designed to be low-cost and user-friendly. It feeds a continuous stream of temperature data into the spreadsheet program installed in the no-frills laptops, bypassing the need for any additional software or programming. Bruce Segee, UMaine's Henry R. and Grace V. Butler Professor of Electrical and Computer Engineering, says the UMeter incorporates the same kind of technology being used in college-level engineering, but with a "friendlier front end." Segee -- who also is the technical director of the university's supercomputer as well as the principal investigator on a \$1.2 million National Science Foundation Information Technology Experiences for Students and Teachers grant -- says the device represents a small tip of the iceberg when it comes to the potential for collaboration between UMaine and K-12 education in the state. "We would really like to have kids and classrooms interacting and sharing data all across the state," he says. For example, although Lindsey's students are not currently working with peers in other schools as part of the planet-warming project, the technology is available to gather data from multiple classrooms throughout the state, crunch their numbers simultaneously and create a giant, multi-screen graph of the temperature readings on Planet Earth and Planet Z. "Students in Old Town, Fort Kent and Kittery could all be working together in meaningful ways," Segee says. "It's no longer just a matter of telling kids, 'Here, memorize this stuff.' It's giving them the tools and involving them in the research process," he says. "Kids have lots of questions about the world, and in most cases, the answer should be 'Let's find out.' " By working in partnership with Maine schools, Segee says, UMaine can help prepare elementary and high school students for advanced inquiry in the fields of science and technology. In addition to the six-school 9th-grade science collaborative, the PREP partnership with UMaine supports dozens of K-12 schools in Penobscot County in meeting state and federal curriculum standards, improving student performance measures, managing grants and promoting professional development among administrators, faculty and staff. Contact: Meg Haskell, 207-581-3766

Center on Aging Study to Gauge Impaired Driving Downeast

02 Feb 2012

The University of Maine Center on Aging is working with healthcare and social service providers and the public to determine to what degree impaired driving among older adults in Washington County is a hazard. Impaired driving includes any condition that compromises an individual's ability to drive a motor vehicle safely, and ranges from impaired vision to impaired decision-making due to medication, alcohol or substance abuse, according to Center on Aging research associate David C. Wihry. "The study is to essentially scope the issue of impaired driving among older adults in Washington County in terms of how community members and professionals there view the issue, what they know about it, how important they think it is to address, as well as practical suggestions that they have for addressing the issue," Wihry says. "In the report we are putting together, there will be suggestions for both exploring the issue further and ideas for interventions. So it is a combination of determining how much of an issue it is, as well as determining possible areas for further study and strategies for intervention." The Center on Aging and UMaine School of Social Work recently received a small grant from the U.S. Department of Health and Human Services via the Maine Center for Disease Control and Prevention and Community Health and Counseling Services in Bangor. The funding continues the project, "Washington County Older Adult Impaired Driving Project," which started in 2010. The Center on Aging conducted focus groups in four Washington County communities to better understand both public and professionals' perceptions on the issue, and consider suggestions for addressing them. The Center is now broadening the survey population with electronic and telephone interviews to get more information. A report on the findings is due out this winter. Contact: David C. Wihry, (207) 262-7928

UMaine Museum of Art Hosting Winter Event

02 Feb 2012

The University of Maine Museum of Art is hosting Winter Blues Breaker from 5 p.m. to 7:30 p.m. on Friday, Feb. 17. Winter Blues Breaker includes a wine and beer tasting, hors d'oeuvres, music, and a chance to see the museum's current exhibitions. There will also be a "Kick the Winter Blues - Decorate Your Shoes!" contest with a prize to the winner.

Attendees can pre-decorate their shoes on during a special free decorating event from 5 p.m. to 6:30 p.m. on Wednesday, Feb. 15. UMMA will furnish all the supplies, including sequins, pom poms, paint and pipecleaners. Tickets are \$18 for an individual or \$30 for a couple, and \$15 for individual museum members and \$25 for member couples. A portion of the ticket price is a tax deductible contribution to UMMA programs. The museum is located at 40 Harlow Street in Bangor. In case of inclement weather, the event will be held Feb. 24. To purchase tickets, call 561-3350 or visit the museum. More information about the museum is available at www.umma.umaine.edu

Marketing Expert Available for Superbowl Ads Assessment

02 Feb 2012

With many of the Feb. 5 Superbowl ads already previewed by millions on the Internet and in the news, UMaine marketing professor Paul Myer, a Maine Business School executive in residence with an extensive national and international background in private industry branding and marketing, is available to discuss the marketing strategies, messages and themes of this year's advertising bonanza. Critics say the trend this year is for creatively thought-provoking and visually dynamic spots available on line this year well before the big day. Singing dogs, a body-painted model, a vampire party combustion and a redux of Star Wars and Ferris Bueller are just part of the Superbowl XLVI commercials lineup featuring celebrities and animals. It's being described as a mix of sexy and sentimental entertainment. But, will consumers remember the products? Will advertisers paying up to \$4 million for a 30-second opportunity to reach an estimated television audience of more than 110 million people actually see a return on their investments? Myer has served as a business executive in marketing communications for several worldwide corporations, including Lucent Technologies and Nortel. He teaches courses at UMaine in marketing, sales, management and international business. Professor Myer can be reached at 581-1992. Contact: George Manlove, (207) 581-3756

Extension's Jemison Explains Farmer Outlook Study

03 Feb 2012

University of Maine Cooperative Extension water quality and soil specialist John Jemison was interviewed for a Wednesday evening Channel 7 (WVH) news report on a recent study on how farmers view the future of farming in Maine. The report says farmers are optimistic about small and mid-sized farms in spite of challenges. The interview begins 8 minutes, 38 seconds into the broadcast. Contact: George Manlove, (207) 581-3756

Counihan, Students Interviewed for Career Fair Report

03 Feb 2012

Several UMaine students and Patty Counihan, director of the UMaine Career Center, were interviewed for a [Channel 7](#) news report on Wednesday's Career Fair at the New Balance Student Recreation Center. The event attracted hundreds of students and nearly 90 businesses looking to hire interns and full- and part-time employees. The reports starts 9 minutes, 23 seconds into the broadcast. Contact: George Manlove, (207) 581-3756

UMaine Hosting 'Nor'Easter Bowl 2012' Ocean Sciences Competition

03 Feb 2012

The University of Maine is hosting the 'Nor'Easter Bowl 2012 Regional Ocean Sciences Competition , a regional ocean sciences competition on Saturday, Feb. 4 with more than 100 top-achieving math and science high school students from Maine, New Hampshire and Vermont. From 9 a.m. to 5 p.m. at the UMaine D.P. Corbett Business Building on the Orono campus, students will compete in a Jeopardy-like Nor'Easter Bowl, answering a range of questions about ocean-related biology, chemistry, geology, geography and social sciences. The annual event is hosted every third year by the UMaine School of Marine Sciences, and is intended to kindle students interest in marine sciences and in marine science careers. The event also fosters team-based camaraderie and fun with science, and it brings local and national recognition to the competing schools, according to the School of Marine Sciences. In addition, students who compete successfully in regional and national [Ocean Sciences Bowl](#) competitions receive thousands of dollars in scholarship funds each year.

Many of the questions require graduate school level knowledge and problem-solving skills. Competition rounds are fast-paced, exciting, and display the amazing knowledge and hard work students have invested to prepare for the event, according to Brenda Zollitsch, a Nor'Easter Bowl 2012 coordinator. The winning team will be awarded an expense-paid trip to Baltimore, Md. in late April to compete in the National Ocean Sciences Bowl Competition. Second-through-sixth-place winners will receive field trip awards to ocean science laboratories with marine scientists and other prizes. Maine teams participating include: Ashland Community High School, Belfast High School, Lewiston High School, Morse High School, Poland Regional High School, Sanford High School and Waterville Senior High School. Contact: Brenda Zollitsch, (207) 240-0398 or bmzconsulting@aol.com George Manlove, (207) 581-3756

UMaine 'Blue Sky Plan' Listening Sessions Continue Today

03 Feb 2012

The next in a series of one-hour information-gathering sessions President Ferguson has organized over the next few weeks to solicit input for UMaine's strategic plan will take place Friday, Feb. 3. The first session, which will focus on UMaine students/parents, will take place at 9 a.m. in the McIntire Room in Buchanan Alumni House. The second session, on university sustainability, including revenue and recruitment, will start at 11:30 a.m. in the Totman Room in the Memorial Union. Everyone in the university community is encouraged to attend and share their ideas for UMaine's future. For a complete list of topics, dates and locations, visit the Blue Sky Plan website.

Wisconsin Radio Station to Interview Martin

03 Feb 2012

UMaine CLAS-Honors Preceptor of Journalism Justin Martin will be interviewed at 2:15 p.m. Friday on WLIP, a Wisconsin-based radio station that broadcasts from Chicago to Milwaukee, about a recent column Martin wrote for the [Christian Science Monitor](#). Martin will talk about the economics of Generation Y. To listen live, go to the [WLIP website](#).

Curran Op-Ed on Downeast 'Commons' Laments Privatization

03 Feb 2012

Hugh Curran, a resident of coastal Surry, Maine who teaches Peace and Reconciliation courses at UMaine, has an opinion column in the Feb. 1 edition of the Ellsworth American, in which he discusses the loss of public "commons" areas in Maine's Downeast ocean coves and bays. Curran laments the increasing loss of these public areas to private aquaculture leasing because it limits or eliminates traditional uses of the parts of the coast, including lobstering, clamming, fishing, boating and other recreational uses. Contact: Hugh Curran, (207) 581-2636

Brewer Comments on Maine Elections

06 Feb 2012

UMaine political scientist Mark Brewer was interviewed for a [story](#) in the Central Maine Morning Sentinel about this year's elections for Maine House and Senate. Brewer said both houses are up for grabs again after the Republicans took control of both last year, and it is conceivable there could be a change in partisan control. Contact: Jessica Bloch, 207-581-3777

Accounting Program Featured on WABI

06 Feb 2012

UMaine business professor Steve Colburn and some of his students were featured in a story on Bangor's WABI TV station. Colburn's students are providing free tax assistance at the Orono Public Library this month and next month to those who qualify. Colburn, who is supervising the students, said the program is a way for them to get hands-on

experience and solidify what they've learned in the classroom. Contact: Jessica Bloch, 207-581-3777

Newspaper Report on Aerospace Engineering Graduate

06 Feb 2012

The Bangor Daily News reported on the news that UMaine's aerospace engineering concentration has produced its first graduate. Richard McGrath of Westport Island said he took the required three classes after he was laid off from Bath Iron Works. Adjunct professor David Rubenstein, who teaches aeronautics, astronautics, flight dynamics, modeling and control of aircraft and space vehicles at UMaine, was interviewed for the story, and Lisa Martin, executive director of the Maine Manufacturers Association, said the UMaine program is notable because there are huge opportunities globally to increase the aerospace market in Maine. The website Aerospace Manufacturing and Design also picked up the story. Contact: Jessica Bloch, 207-581-3777

Story on Art Museum Project

06 Feb 2012

Bangor TV station WABI had a story on a project at the University of Maine Museum of Art in which Maine youth are painting thousands of red roses to help artist Tim Rollins create a painting about legendary Senator Margaret Chase Smith. Smith was known for wearing a red rose on her lapel. Rollins' painting will be displayed in the renovated federal building in Bangor. Contact: Jessica Bloch, 207-581-3777

UMaine Announces Dean Smith, Student-Athlete Awards

06 Feb 2012

UMaine announced Sunday that Black Bear student athletes Kelly Newton of the field hockey team and Andrew Rogers of the men's basketball team are the recipients of the 2012 "M" Club Dean Smith Awards. The awards are presented annually to the top male and female student-athlete with outstanding academic and athletic achievement, along with citizenship and community service. The fifth annual Team Maine, which includes the top sophomores, juniors or seniors achieving the highest grade point average for the calendar year 2011, was also announced Sunday. A news release has more information on the Dean Smith Award winners and Team Maine honorees. In addition, UMaine last week named 243 student-athletes who will be honored for their success in the classroom at the Scholar-Athlete Recognition ceremony on Sunday, Feb. 5, 2012. There are 175 student-athletes who will be recognized for achieving a 3.0 or better grade point average for the 2011 year and/or having a cumulative GPA of 3.0 or better. In addition, 68 first-year student-athletes will be honored as "Rising Stars" for earning a 3.0 or better in their first semester at UMaine. For more information and a link to the entire list of scholar-athlete award recipients, see a news release. Contact: Jessica Bloch, 207-581-3777

Blue Sky Listening Session Wednesday

08 Feb 2012

The next in a series of one-hour information-gathering sessions President Ferguson has organized over the next few weeks to solicit input for UMaine's strategic plan will take place Wednesday, Feb. 8, from 10-11 a.m. in the McIntire Room of Buchanan Alumni House. The subject is Community Engagement. For information, contact Laura Lindenfeld, (207) 581-3850 or Mike Swartz, (207) 581-2624. For a complete list of topics, dates and locations, visit www.umaine.edu/blueskyplan/information-gathering-sessions. Everyone in the university community is encouraged to attend and share their ideas for UMaine's future. Participants are encouraged but not required to bring a written summary of their idea (one page or less) or submit it online at <http://umaine.edu/blueskyplan>.

In preparing a summary, participants are encouraged to answer any or all of the following questions: What do you see as a key area of distinction at UMaine? What do you see as an opportunity or challenge that UMaine faces? What solution do you propose? How will this solution enable UMaine to achieve a new vision of institutional excellence and realize its

position as a leading 21st century Land and Sea Grant University? How would you assess whether this solution is successful?

Blue Sky Listening Session Thursday

09 Feb 2012

The next in a series of one-hour information-gathering sessions President Ferguson has organized over the next few weeks to solicit input for UMaine's strategic plan will take place Thursday, Feb. 9, from 6-7 p.m. in the Bangor Room of the Memorial Union. The subject is Student Life. For information, contact Kenda Scheele at Kenda_Scheele@umit.maine.edu or Judith Josiah-Martin: Judith_Josiah-Martin@umit.maine.edu. For a complete list of topics, dates and locations, visit www.umaine.edu/blueskyplan/information-gathering-sessions. Everyone in the university community is encouraged to attend and share their ideas for UMaine's future. Participants are encouraged but not required to bring a written summary of their idea (one page or less) or submit it online at www.umaine.edu/blueskyplan.

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Blue Sky Listening Sessions Today

13 Feb 2012

The next in a series of one-hour information-gathering sessions President Ferguson has organized over the next few weeks to solicit input for UMaine's strategic plan will take place today, Feb. 13, from 11 a.m. - 12 p.m. in the McIntire Room of Buchanan Alumni House. The subject area is Infrastructure. In addition, a session focusing on Graduate Studies will be held today from 2-3 p.m. in the McIntire Room. For more information the morning session, contact Gail Garthwait, (207) 581-2487; John Rebar, (207) 581-2811; or Robin Arnold, (207) 581-2398. For the afternoon session, contact Jan Kristo, (207) 581-2454 or Robert Rice, (207) 581-2883. For a complete list of topics, dates and locations, visit www.umaine.edu/blueskyplan/information-gathering-sessions. Everyone in the university community is encouraged to attend and share their ideas for UMaine's future. Participants are encouraged but not required to bring a written summary of their idea (one page or less) or submit it online at <http://umaine.edu/blueskyplan>.

In preparing a summary, participants are encouraged to answer any or all of the following questions: What do you see as a key area of distinction at UMaine? What do you see as an opportunity or challenge that UMaine faces? What solution do you propose? How will this solution enable UMaine to achieve a new vision of institutional excellence and realize its position as a leading 21st century Land and Sea Grant University? How would you assess whether this solution is successful?

UMaine Hosting Regional Livestock, Animal Science Event

06 Feb 2012

Maine Animal Club students at the University of Maine are hosting this year's annual Northeast Student Affiliate of the American Dairy Science Association and American Society of Animal Science competition Feb 18. More than college 200 students from 10 Northeast schools will compete in livestock judging, an agricultural quiz bowl and a paper presentation contest. The event is hosted each year by a different institution. The public is welcome; there is no cost. Livestock judging will be at the UMaine J.F. Witter Teaching and Research Center from 8-10 a.m. The quiz bowl will be at Neville Hall, starting around 10:30. The paper presentation contest will be at the DP Corbett Business Building

starting about 10:30. The events conclude about 4 p.m. Contact: George Manlove, (207) 581-3756

Brazilian engineering student part of broader STEM exchange program

06 Feb 2012

Brazilian student Lucas Ramos is studying chemical engineering at the University of Maine courtesy of Science Without Borders, a program funded by the Brazilian government and aimed at advancing that country's economic standing and technological expertise. The program eventually will place 100,000 promising students at participating colleges and universities in the U.S. and abroad, covering all the students' expenses as they study for one year in the fields of science, technology, engineering and math and participate in a professional or academic internship. Read more about 21-year-old Lucas Ramos and the Science Without Borders program here. Contact: Meg Haskell, (207) 581-3766

Brewer Interview on Maine Caucuses on Australian Radio

06 Feb 2012

University of Maine political scientist Mark Brewer discussed Maine Republican politics and the upcoming caucuses in the state for the Feb. 5 edition of the Inside America program on ABC NewsRadio, a national Australian radio news station with nearly a million listeners. Brewer discussed the state's political climate and the lurch to the right with the election of conservative Republican Gov. Paul LePage.

Contact: George Manlove, (207) 581-3756

Sidelko Appointment Noted in Newspaper

07 Feb 2012

The [Bangor Daily News reported](#) that Maine Gov. Paul LePage has named Lauri Sidelko, director of UMaine's Alcohol and Drug Education Programs (ADEP), to the Maine Prescription Drug Abuse Task Force. Sidelko will focus on education. The task force will report every six months to the governor, the attorney general, the commissioner of public safety, the commissioner of environmental protection and the Legislature. Contact: Jessica Bloch, 207-581-3777

Brewer Interviewed About How Caucus Works

07 Feb 2012

UMaine political scientist Mark Brewer was interviewed by Bangor TV station WLBZ about how the ongoing Maine Republican caucus works. Brewer said there because there is no clear frontrunner at this point, the caucuses will be hard to predict this year. He thinks the winner will either be Mitt Romney or Ron Paul, who are the two best organized candidates in the caucus. Contact: Jessica Bloch, 207-581-3777

Grad Student Op-Ed on Job Opportunities in Maine

07 Feb 2012

Chris Hastings, a first-year MBA student at UMaine, wrote an [opinion piece](#) for the Bangor Daily News about job opportunities and the business climate in Maine. Hastings wrote when a new business wants to come to the state or a particular municipality, the governing body should consider not who is going to make the most money, but how that business can create jobs for residents and new customers for established businesses in town. Contact: Jessica Bloch, 207-581-3777

Early Childhood Education Program Noted

07 Feb 2012

In a sidebar to an article about the connections between early childhood development and economic development, [Mainebiz](#) noted the Child Care Research Partnership at the University of Southern Maine and UMaine, which provided classroom observations of Educate Central Maine in Waterville, a state-of-the-art early childhood learning center. Contact: Jessica Bloch, 207-581-3777

Report on Teen Role in Harvest for Hunger

07 Feb 2012

The Lewiston Sun Journal has a story about Trevor Doiron, a 13-year-old from Jay, who is starting a community garden and will eventually report the produce to Maine Harvest for Hunger, a program run by University of Maine Cooperative Extension. The story noted that Doiron has met with Lauren St. Germain from UMaine Extension in Farmington, and St. Germain gave him tips on how where to solicit discounted materials and ideas about funding sources. Contact: Jessica Bloch, 207-581-3777

Hunt Explains Gasoline Price Influences

07 Feb 2012

University of Maine School of Economics professor Gary Hunt explained some of the factors affecting rising gasoline prices in Maine, which are higher than the national average, in a Monday interview with Channel 2 (WLBZ). Hunt, also a cooperating faculty member with the university's Advanced Structures and Composites Center, suggests that reducing demand for combustible fuels will be more effective than trying to solve the problems by increasing supplies. Increasing use of electric vehicles and biofuels development will help, he said. Contact: George Manlove, (207) 581-3756

Channel 2 Features Accounting Students' Tax Return Program

07 Feb 2012

Channel 2 (WLBZ) interviewed UMaine accounting professor Steve Colburn of the Maine Business School for a feature report on the tax-return assistance program being held on Fridays through April 13 at the Orono Public Library. Colburn oversees UMaine accounting students who help taxpayers file state and federal tax-return forms.

Contact: George Manlove, (207) 581-3756

UMaine Faculty Artwork on Display

07 Feb 2012

The University of Maine Department of Art will present new work by art faculty in an exhibition in the Lord Hall Gallery. The exhibition opens Friday, Feb. 10 and will close Friday, March 16. This exhibition presents an overview of the research and creative accomplishments of studio, art education and art history faculty including David Boffa, John Eden, Kerstin Engman, Wayne Hall, Laurie Hicks, Andy Mauery, Ronald Nadeau, Owen Smith, Alan Stubbs and Nina Sutcliffe. Exhibited art will include photography, painting, woodworking, digital prints, ceramics and mixed media installations. An opening reception will be held from 5:30 p.m. to 7:30 p.m. on Feb. 10. All events are free and open to the public. Lord Hall is handicapped accessible. For more information, contact UMaine's Department of Art at 207-581-3245. Contact: Jessica Bloch, 207-581-3777

UMaine-Affiliated Alumni in Report on Hall of Fame Class

08 Feb 2012

Several legendary UMaine athletes and coaches have been named to the Maine Sports Hall of Fame, according to a [report](#) in the Bangor Daily News. UMaine education faculty member Walter Abbott, a former Black Bears football coach, will be inducted this year, as will alumni Phillip Coulombe (football), Emily Ellis (women's basketball) and Dennis Libbey (baseball). Contact: Jessica Bloch, 207-581-3777

Steiners Members Interviewed for Story on Singing Competition

08 Feb 2012

The York Weekly [interviewed](#) two York High School graduates who are now UMaine students and members of UMaine's all-male Maine Steiners a cappella group. The Steiners are competing in the International Championship of Collegiate A Cappella quarterfinals on Feb. 18 in Boston. Hirst is studying vocal music education with plans to stay an extra year for a minor in jazz piano, and Young is studying wildlife ecology. Contact: Jessica Bloch, 207-581-3777

Newspaper Story Cites Poverty Study

08 Feb 2012

The study "Poverty in Maine," which was done by UMaine's Margaret Chase Smith Policy Center, was the basis for a story in the [Bangor Daily News](#) on the high numbers of children in Washington County who live in poverty. The study, which is based on U.S. Census county-level poverty data, shows that Washington County has the highest overall poverty rate in Maine, at 19.4 percent. Contact: Jessica Bloch, 207-581-3777

UMaine Noted in Release on Anti-Tanning Contest

08 Feb 2012

A news release posted on the Wall Street Journal's Market Watch website noted that UMaine has entered into the melanoma-awareness In Your Skin program, which includes a no-tanning pledge and contest with cash awards, gift certificates, tickets to Six Flags New England, and more. The program is a partnership between Brigham and Women's Hospital's Department of Dermatology, Six Flags New England and the Melanoma Foundation of New England. Contact: Jessica Bloch, 207-581-3777

Website Reports New Energy Study

08 Feb 2012

The website Home Toys carried a news release about a new study launched by PowerWise, UMaine and Efficiency Maine, and noted that UMaine's Nathan Weise, assistant professor of electrical and computer engineering, will be involved. The study will monitor the electricity of 50 homes in the Blue Hill area. Homeowners will track their energy use for one year, and a UMaine team will help PowerWise analyze and report on the data. Contact: Jessica Bloch, 207-581-3777

SPIA's Settele on Morning Radio Talk Show

08 Feb 2012

Jim Settele, assistant director of the University of Maine School of International Policy and Affairs and retired U.S. Navy captain and fighter pilot, was a guest on the Feb. 7 WZON-FM "The Pulse" morning talk show, with Peter Van Buren, a former U.S. State Department Provincial Reconstruction Team leader in Iraq and author of "We Meant Well: How I Helped Lose the Battle for the Hearts and Minds of the Iraqi People," about the rebuilding of Iraq. The discussion begins about 1 hour, 02 minutes into the program.

Contact: George Manlove, (207) 581-3756

New director named to lead UMaine's Brunswick Engineering Program

08 Feb 2012

An aeronautical engineer whose research focuses on engineering education as well as aerodynamics and energy efficiency has been named director of the University of Maine's new Brunswick Engineering Program. Wilhelm Friess, who will join the UMaine faculty in April 2012, has been teaching mechanical engineering for the Rochester Institute of Technology (RIT) at its campus in Dubai since 2009. Friess will direct the innovative Brunswick Engineering Program, located at the newly renovated Brunswick Landing in Brunswick, Maine. The program is now accepting students for fall 2012. "Dr. Friess has a distinguished record as an innovative teacher and international engineering experience, including being part of the seven-person team that designed the 2007 America's Cup sailboat from South Africa," says Dana Humphrey, dean of UMaine's College of Engineering. "He'll create a hands-on curriculum that integrates math, science and engineering, allowing students to discover the challenges and joys of being an engineer. We are very excited that Dr. Friess will be joining the UMaine Engineering Team." At RIT, Friess taught courses in such topics as mechanical engineering design, renewable energy systems, wind turbine aerodynamics and sustainable energy management. As part of his research, he led the RIT Dubai Residential Energy Efficiency Center, where the focus included building envelop optimization and solar module dust deposition in the desert environment. Friess also conducts research in engineering education, sailing telemetry, and yacht and sail design. He was a design engineer for Team Shosholoza, the 2007 South African America's Cup Challenger. A native of Germany, Friess received his master's and Ph.D. in aeronautical engineering from Rensselaer Polytechnic Institute in Troy, N.Y., in 1994 and 1997, respectively. Friess is the first director of Brunswick Engineering, a two-year, nonresidential program offered by UMaine's College of Engineering that features small classes and an integrated, hands-on approach that leads to a four-year engineering degree. Taught by internationally recognized faculty, the curriculum offers a world-class, affordable engineering education in a convenient location for students in southern Maine. After two years of course work in Brunswick, students complete their four-year degrees in civil, mechanical, electrical or computer engineering at the University of Maine, or transfer to the University of Southern Maine. Contact: Jessica Bloch, 207-581-3777

Mechanical Engineer's Robotic Flytrap Aids Artificial Muscle Research

09 Feb 2012

An article by University of Maine mechanical engineering professor Mohsen Shahinpoor in a recent issue of the science journal *Bioinspiration & Biomimetics* describes a robotic replica of the carnivorous Venus flytrap Shahinpoor created with nano-sensors and a thin, pliable metal composite material that he invented as part of his ongoing artificial muscle research. Recent articles in such publications as *Wired*, [Science News Daily](#), [Popular Science](#), among dozens of other journals, newspapers and magazines, have featured Shahinpoor's invention. The device offers promise in the development of electrically stimulated artificial muscle that could be implanted in people to help overcome muscular disease or paralysis. Contact: George Manlove, (207) 581-3756

Report on Girls Hockey Day at Alfond Arena

09 Feb 2012

The [Bangor Daily News reported](#) on Sunday's Girls Hockey Day, which was held at UMaine's Alfond Arena. About 35 girls from around the state met for an on-ice skills competition, a tour of the Alfond facilities, and listened to former UMaine women's players Kim Meagher, Rachel Gettings and Jennie Gallo talk about how hockey had influenced their lives. Contact: Jessica Bloch, 207-581-3777

News Story on Burns

09 Feb 2012

Bangor TV station WABI has a story about Warren Burns, a former UMaine speech professor who died Monday. Burns arrived at UMaine in 1968 and taught in the speech department until his retirement in 1991. Contact: Jessica Bloch, 207-

581-3777

VillageSoup Notes Blueberry Bush Sale

09 Feb 2012

An online blueberry bush sale being offered by University of Maine Cooperative Extension's Master Gardener volunteers was noted in a VillageSoup article. Proceeds from the sale will go towards the Master Gardener program, which is celebrating its 30th year in Maine. To place an order or for additional information, go to umaine.edu/gardening/go-blueberry/. Contact: Jessica Bloch, 207-581-3777

Warren T. Burns, 1924-2012

09 Feb 2012

Warren Burns, a former UMaine speech professor, passed away on Feb. 6 in Brewer. According to an obituary in the Bangor Daily News, Burns joined the UMaine faculty in 1968 after completing a master's in theater arts and a doctorate in speech communication from Penn State. He retired from UMaine in 1991. Burns was a current member of the UMaine Black Bear Men's Chorus. Survivors include his second wife, Geraldine "Jerry" Douglas Burns, and sons, including Thomas Burns, who played basketball for UMaine. Friends may call 6 p.m.-8 p.m. Friday, Feb. 10, at Brookings-Smith, 133 Center St., Bangor. A Mass of Christian burial will be celebrated 11 a.m. Saturday, Feb. 11, at St. Paul the Apostle Parish, St. John Roman Catholic Church, 207 York St., Bangor. Spring interment will be at Riverside Cemetery, Orono. Contact: Jessica Bloch, 207-581-3777

UMaine Coach Issues Play4Kay Head-Shaving Challenge

09 Feb 2012

Richard Barron, the UMaine women's basketball coach, announced recently he would shave his head bald if the community raises \$10,000 for the Play4Kay initiative, which raises funds for the Kay Yow Foundation to support breast cancer research. If the goal is met, Barron will shave his head at center court following the Black Bears' home game on Wednesday, Feb. 15. Yow was the N.C. State women's basketball coach who died from breast cancer in 2009. Barron knew Yow and was an assistant coach at N.C. State in the two years after her death. UMaine has already raised \$3,055 - second-highest in the country so far out of around 200 teams - toward the goal. Contact: Jessica Bloch, 207-581-3777

Camire Interviewed for Chicago Tribune Food Article

10 Feb 2012

Mary Ellen Camire, a University of Maine food science and human nutrition professor and also spokesperson for the international Institute of Food Technologists, was interviewed for a [Chicago Tribune article](#) on safe preparation and handling of leftovers. She offered tips on storage and reheating of leftover meals. Contact: George Manlove, (207) 581-3756

UMaine's 2012 International Dance Festival Set for Feb. 18

10 Feb 2012

The University of Maine's eighth annual International Dance Festival, showcasing an array of traditional music, dance and costumes of some of the 400 international students at UMaine is set for Saturday, Feb. 18, at the Collins Center for the Arts. Two free performances of dances from around the world are scheduled at 2 p.m. and 7 p.m. Doors open one hour before show time. Students will perform traditional dances from India, Africa, Vietnam, Brazil, Latin America, the Middle East and the United States, says Sarah Joughin, international student and scholar advisor in the Office of International Programs. Students have been practicing capoeira, Bollywood, swing and many others styles of dance in anticipation of the dance festival. Students from about 75 countries attend UMaine. Joughin says international students

look forward each year to showcasing their traditional cultures through the annual event. It is an opportunity for American and international students alike to connect meaningfully with individuals from outside their home countries, she says. "The Bollywood number, for example, features performers from at least three different countries besides India," Joughin says. "Marija Markicevic, an exchange student from Serbia, will make her dancing debut as a member of the Hip Hop Club, representing the U.S.." Student performers benefit greatly from the cross-cultural exchange, Joughin adds, "but the big pay-off is to the audience. This event is an amazing opportunity for campus and community members of all ages to experience the sights and sounds of over a dozen countries in one night. Where else in Maine is such an opportunity available?" The dance festival is free and organized by the [Office of International Programs](http://umaine.edu/international/) (<http://umaine.edu/international/>) and the International Student Association. Information about the dance festival is available by calling the Office of International Programs at 581-2905. Contact: Sarah Joughin, 581-3423

National Coverage of Researchers' Role on Anti-Hazing Committee

10 Feb 2012

Media outlets around the country, including the Kansas City Star, reported that UMaine education professors Elizabeth Allan and Mary Madden have been named Thursday to a newly formed anti-hazing committee at Florida A&M University, which had a hazing incident last fall which led to the death of a student band member. Allan and Madden are nationally recognized hazing researchers who with co-authored a pivotal 2008 report on hazing. The Atlanta Journal-Constitution ran an Associated Press story on the announcement as did the Miami Herald.

Contact: Jessica Bloch, 207-581-3777

Newspaper Previews 'Avenue Q' Production

10 Feb 2012

The Bangor Daily News ran a [preview story](#) of "Avenue Q," an upcoming production by Maine Masque, a UMaine student theatre organization, which features puppetry. UMaine theater professor Sandra Hardy told the BDN in an interview that in learning how to do puppetry for the show, her students gained a useful skill they can use to their advantage in the job market. Contact: Jessica Bloch, 207-581-3777

Physical Sciences Partnership Featured in TV Reports

10 Feb 2012

The Maine Physical Sciences Partnership, a program that partners UMaine with nearly 50 middle and high schools, was featured in two local TV reports Thursday evening. WABI and WLBZ filmed students and a teacher at the Reeds Brook School in Hampden, where the students were studying force and motion by testing propeller-powered model cars. Both stations interviewed Erika Allison, the UMaine-based project operations director for Maine PSP and the UMaine-based Maine Center for Research in STEM Education. Contact: Jessica Bloch, 207-581-3777

Advance on Troop Sendoff Ceremony

10 Feb 2012

Bangor TV station WABI had an advance on Friday evening's troop send-off ceremony to be held at UMaine's Collins Center for the Arts. The ceremony will honor members of a Maine Army National Guard medevac unit that is being deployed to Kuwait. Contact: Jessica Bloch, 207-581-3777

Website Notes Researcher's Work on Study of Ancient DNA

10 Feb 2012

Kristin Sobolik of UMaine's Department of Anthropology and Climate Change Institute was [noted](#) in a story on the website [io9.com](#) for her work in paleofecal research. The story said there was a big breakthrough in human DNA extraction when Sobolik suggested samples found in Hinds Cave in Texas be tested. Contact: Jessica Bloch, 207-581-3777

PBS 'Washington Week in Review' Airs UMaine Journalist's Video

10 Feb 2012

The PBS news program "Washington Week in Review" has aired a news report on how Maine voters get information about political candidates that was created and reported by UMaine student Kylie Keene, a senior who is interning at WVII (ABC) Bangor this semester. Keene interviewed UMaine students and several older adults in Orono, in addition to political science professor Amy Fried for the report. Contact: George Manlove, (207) 581-3756

Madden, Allan Named to Florida A&M Anti-Hazing Committee

10 Feb 2012

The Florida A&M University (FAMU) Board of Trustees announced Thursday University of Maine professors Elizabeth Allan and Mary Madden have been named to the FAMU Anti-Hazing Committee, according to a news release from the Tallahassee school. Allan and Madden are co-directors of The National Collaborative for Hazing Research and Prevention, and led a landmark 2008 study on student hazing. FAMU's seven-member, independent committee is tasked with providing recommendations on determining the most effective and indelible approach to end hazing on campus. The FAMU Anti-Hazing Committee will work in unison with the ongoing efforts of the FAMU community to address the issue of hazing. The committee will examine issues such as how hazing has been handled at other universities, how students can resist hazing and how to best govern Florida A&M's marching band, known as the Marching 100. Contact: Jessica Bloch, 207-581-3777

Globe Lists Hudson Museum Among College Highlights

10 Feb 2012

The travel section of the Boston Sunday Globe on Feb. 5 included the Hudson Museum at the University of Maine as being among noteworthy New England college highlights "offering exceptional and exhilarating experiences" for the public. The article recommends Hudson's Native American exhibits and its basket collection, which the Globe features on its website.

Contact: George Manlove, (207) 581-3756

Handley Raspberry Pruning Article in Gardening Magazine

10 Feb 2012

The March/April 2012 issue of "[fine Gardening](#)" magazine includes an article by University of Maine Cooperative Extension small fruit and vegetable specialist David Handley on pruning red raspberries, which recommends a hard late-winter thinning as the secret to healthier plants. The article includes an Extension video in which Handley illustrates proper pruning techniques.

Contact: George Manlove, (207) 581-3756

Grad Student uses Smart Energy Monitor for Energy Literacy Education.

10 Feb 2012

Smart grid research by a University of Maine doctoral student is helping grade school educators learn about energy and



how to conserve it in their schools and homes. Ph.D. candidate Anna Demeo, a physics instructor at College of the Atlantic in Bar Harbor, helped develop the prototype of the Smart Energy monitor with funds from the Maine Space Grant Consortium. She and her COA colleague David Feldman received a \$95,000 grant in 2010 for smart grid research and energy education. Demeo is completing her doctorate in ocean engineering at UMaine. A central focus of Demeo's research is monitoring energy consumption and production on Roque Island in Washington County, Maine, where there are several year-round homes and a farm. Among other findings, the Smart Energy prototype there revealed a persistently high reading on one circuit, helping to identify a pump that was running continuously. As the island moves toward using more renewable electricity, such as solar, Demeo will use the Savant Energy system to turn on and off appliances to reduce demand when production is low and increase demand when there is a surplus. The goal is for the island to decrease reliance on an underwater cable that carries electricity from the mainland and ultimately to become energy-independent. Another primary focus of Demeo's doctoral work is energy literacy education. The energy data collected in real time from the monitoring system can serve as a foundation for classroom exercises. Demeo has a passion for developing energy literacy in children and adults -- a working familiarity with the basic concepts of energy generation, transmission, measurement, usage and cost. Few people grasp these concepts, she says, which adds to the challenge of energy conservation and the commercialization of alternative energy sources. It is that kind of hands-on familiarity with electricity use she hopes to foster with the Smart Energy monitor, which recently has been installed in several elementary schools. Demeo will work with teachers to develop grade-appropriate lesson plans using the energy data. The Smart Energy monitor, now being marketed by Savant Systems of Massachusetts, attaches to a single or three-phase electrical power panel and provides a circuit-by-circuit reading of energy usage. The device can monitor up to 60 electrical circuits at the same time. A prototype, dubbed the GridEye, was tested in Maine on Roque Island, at Reeds Brook Middle School in Hampden, at the Coast Guard station in Southwest Harbor, and at several other locations including the UMaine campus. Several of these sites are now upgrading to the commercialized Savant Smart Energy system. An early version of the monitor was installed over a year ago at the U.S. Coast Guard station in Southwest Harbor. The station recently updated to the new Smart Energy device. Electrical support supervisor Robert Parker says monitoring has helped reduce energy consumption, most notably in the station's computer infrastructure. For example, after reviewing the energy costs associated with storing Coast Guard data on computer hardware, technicians realized they could save thousands of dollars by using Internet-based cloud technology storage instead. The device also helped identify a video monitor that suddenly began drawing significantly more electricity than it should, signaling its impending failure. And, because the energy-use readings are available remotely, Parker says, staff can determine at any time if lights or HVAC equipment inadvertently have been left on anywhere at the station and get them turned off. Another system is installed in the Sawyer Research Center on the UMaine campus, where it monitors energy use in the large freezers that store ice cores for the university's Climate Change Institute. UMaine students will analyze the data from the monitor to help the institute reduce its consumption of

electricity. Contact: Meg Haskell, (207) 581-3766

Reports on Robotics Contest

13 Feb 2012

The [Bangor Daily News reported](#) on Saturday's VEX Robotics Competition Championships, which was sponsored by UMaine's College of Engineering. Dana Humphrey, dean of the college, told the BDN students in the competition are doing things that are fun while trying to solve a problem. UMaine junior engineering major David Hart, who directed the competition, was interviewed by both the BDN and Bangor TV station WABI. Contact: Jessica Bloch, 207-581-3777

Poverty Report in Press Herald

13 Feb 2012

A report prepared by UMaine's Margaret Chase Smith Policy Center on poverty in Maine was the subject of a [Portland Press Herald story](#). The story noted the report found that the consequences of living in poverty can be severe, with children from poor families tending to complete less school and ending up working and earning less. Contact: Jessica Bloch, 207-581-3777

Op-Ed on Economies of Wind Power

13 Feb 2012

UMaine economist Gary Hunt contributed to an [opinion piece](#) in the Portland Press Herald on the economies of commercial wind development. The piece claimed that media discussions of wind power economics often overemphasize the least important economic aspects, such the short-lived economic stimulus of construction jobs, while distorting the most important aspects, such as the long-term effects of receiving electricity with no fuel costs and no air emissions. Contact: Jessica Bloch, 207-581-3777

BDN Letter to the Editor on Graduates' Prospects

13 Feb 2012

In Monday's [Letters section](#) in the Bangor Daily News, Ted Coladarci, the director of Institutional Studies at UMaine, presented statistical evidence that contradicted a previous op-ed about UMaine graduates. Rather than leaving the state following graduation, as the op-ed claimed, Coladarci said recent surveys of alumni have found most are working full-time in Maine. Contact: Jessica Bloch, 207-581-3777

Florida Editorial Cites UMaine Leadership in Hazing Research

13 Feb 2012

An editorial in Sunday's [Florida Times-Union newspaper](#) on ways to discourage hazing at colleges and universities notes that the University of Maine has become a center for hazing prevention research. The editorial noted a groundbreaking, three-year national study on hazing by UMaine professor of higher education Elizabeth Allan and colleague Mary Madden, and included comments from Madden, who said effective prevention takes a commitment from the entire university. Allan and Madden were named members of a special task force at Florida A&M University after the recent death of a band member there.

Contact: George Manlove, (207) 581-3756

16th Annual Margaret Chase Smith Essay Contest

13 Feb 2012

The University of Maine Margaret Chase Smith Library in Skowhegan is accepting entries for its 16th annual essay contest for high school seniors. From church sermons to conference sessions and campaign speeches, there is high anxiety expressed in these years of post-9/11 and the Great Recession that the American Dream is unraveling and that succeeding generations will see lower standards of living. In this year's essays, the library invites Maine high school seniors to assess the current state of national affairs and describe their vision of the American Dream for the 21st century. Entries are due April 2, 2012. Results will be announced May 1. The library will award the following prizes to the top eight essays: \$500 for first place, \$250 for second place, \$125 for third place and \$25 for each of five honorable mentions. To submit entries or for more information about the contest, contact David Richards, Margaret Chase Smith Library, 56 Norridgewock Ave., Skowhegan, Maine, 04976, or call (207) 474-7133, ext. 102. Contact: David Richards, (207) 474-7133, ext. 102; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Ryan Named UMaine Associate Vice President

14 Feb 2012

Judith Ryan of Raymond, Maine, vice president for human resources and senior advisor to the president at the University of Southern Maine, has been named associate vice president for human resources and administration at the University of Maine. Ryan will begin her duties as head of UMaine's Office of Human Resources on April 2. "President Ferguson and I are extremely pleased to have someone of Judy's long-term experience join our leadership team," says Janet Waldron, UMaine vice president for administration and finance, to whom the Office of Human Resources reports. "We are fully committed to encouraging a positive and contemporary human resources enterprise. Judy will bring the experience, creativity and commitment to the UMaine leadership team to promote that goal." Ryan has worked in higher education for more than 30 years. At USM, she was named vice president for student affairs in 1992 and vice president for student development in 1994. In 2002, Ryan served as special assistant to the USM president and, from 2003-05, as chief of staff and senior advisor to the chancellor of the University of Maine System. Since 2005, she has been vice president for human resources and senior advisor to the president at USM. Ryan received a master's degree in education from USM in 1982. Contact: Margaret Nagle, (207) 581-3745

ECE to Partner in Home Energy Study

14 Feb 2012

In a project with the potential to influence energy production, consumption and policy in Maine, 50 homeowners in the Blue Hill area will partner with a local energy-monitoring company and a University of Maine researcher in a year-long study of residential electricity use. The goal is to see whether homeowners adopt energy-conserving strategies once they understand the details of their usage, according to Nathan Weise, UMaine professor of electrical and computer engineering. "We will build 50 separate profiles of residential energy use in Maine," Weise says. "The key is for people to see with their own eyes when and how their household electricity is consumed on a circuit-by-circuit basis." With about \$90,000 in funding from the quasi-governmental agency Efficiency Maine, PowerWise Systems of Blue Hill will install energy monitors at no cost to the participating homeowners. Weise and a team of UMaine students will analyze data from the monitors and provide information to the individual participants. At the end of the study, the data will be aggregated – without identifying the participants – and will be made available to educators, energy efficiency agencies like Efficiency Maine, and other groups. Homeowners in the study will be able to see exactly how much electricity is used in each circuit on their home panels, including the time of day the power is consumed. Over time, Weise says, clear patterns will emerge and homeowners can consider strategies for lowering their usage and cost. In some areas of the country, residential electricity is subject to time-of-day pricing, according to Weise, with morning and evening hours typically being the most expensive. Similar pricing structures are under consideration in Maine. Simple strategies such as setting dishwashers or washing machines to operate during cheaper late-night hours can save money while decreasing the load on the local power grid, Weise notes. The monitors also will reveal how much electricity is used by major appliances such as refrigerators and dryers, providing homeowners with an incentive to consider buying newer models that consume less energy. Smaller investments such as energy-saving lightbulbs and switches that turn off the flow of "phantom power" to computers and other electronics can seem more attractive when consumers have the actual figures

before them, Weise says. The usage data will be studied in three-month segments. During stage 1, homeowners will have no access to their usage data and will maintain their usual behaviors. In stage 2, homeowners will be able to see their usage on a secure Web site and make changes themselves in their electricity use. In stages 3 and 4, Weise and his students will consult individually with participating homeowners to suggest energy-saving changes based on their individual data, and PowerWise staff will be available to offer additional information and support. Homeowners in the study will not be required to make any changes, and can keep the monitors in their homes for an additional year if they choose. PowerWise Systems provides energy monitoring and education solutions to homes, businesses, schools and institutions. Originally named Powerhouse Dynamics, the company developed one of the first interactive energy monitors on the market. The Powerhouse Dynamics monitor used in the Blue Hill study can keep track of up to 22 individual circuits as well as the total power used in each home. "This is the first controlled study in the United States to monitor so many residences with such detailed data," says Joanne Steenberg, vice president of PowerWise. "This study may change how homeowners, power companies and policymakers view energy use, and will create a treasury of information that can be used in education."

Contact: Meg Haskell, (207) 581-3766

TV Report on Sculpture Symposium Fundraiser

14 Feb 2012

Bangor TV station WABI advanced last Friday's fundraiser at Orono boutique Maine Maven for the Schoodic International Sculpture Symposium. The symposium will be held this summer on the UMaine campus, and eight sculptures will be created for sites around UMaine, Bangor, Old Town and Orono. A [news release](#) has more information about the symposium. Contact: Jessica Bloch, (207) 581-3777

Newspaper Reports Assistant Football Coach Heading to NFL

14 Feb 2012

The Bangor Daily News [reported](#) that UMaine assistant coach Frank Giufre has been hired by the NFL's Indianapolis Colts. Giufre, who was the run game coordinator and coach of the offensive line and tight ends for the Black Bears, will serve as the offensive quality control coach for the Colts. Contact: Jessica Bloch, (207) 581-3777

Brewer Comments on Daily Beast Website, Reuters

14 Feb 2012

UMaine political scientist Mark Brewer commented in a story on the [Daily Beast website](#) about the Maine GOP caucus. Brewer said because of the tight national race for the Republican presidential nomination, every delegate is going to count, which was why candidates like Ron Paul and Mitt Romney felt they could not ignore Maine. Before the caucus results were announced, Brewer told [Reuters](#) that Maine's strong libertarian streak should mean Paul can generate a mass of enthusiasm. Contact: Jessica Bloch, (207) 581-3777

Feb. 21 Lecture to Explore Fate of Humanities

14 Feb 2012

University of California-Santa Barbara English professor and author Christopher Newfield will discuss the future of the humanities at public universities Feb. 21 as keynote speaker for the University of Maine Humanities Initiative's "Connecting Our Worlds: The Contemporary Role of the Humanities" series. Newfield, a prolific author of books and articles on the humanities and the role of public universities, will present "Humanities in the 21st Century and the Land-Grant University" from 4-6 p.m. in Minsky Recital Hall, Class of 1944 Hall. UMaine President Paul Ferguson will offer brief remarks during the free and public event. Contact: George Manlove, (207) 581-3756

National Entrepreneurship Week Activities at UMaine

14 Feb 2012

National Entrepreneurship Week events in Maine include several at the Foster Center for Student Innovation at the University of Maine, such as the annual Junior Achievement Titan Challenge and two sessions for students and others with business ideas to consult with investors and experienced entrepreneurs. Bangor-area high schools are sending some 100 students to compete for scholarships in the JA Titan Challenge at the Foster Center, Wednesday, Feb. 15, from 8 a.m. to 3 p.m., in addition to other sites throughout Maine, says Jesse Moriarity, coordinator for the Foster Center for Student Innovation. Three-member student teams, with advising assistance from a community business professional, will use JA's business simulation model to create and pitch business start-up ideas. "It's always ridiculously exciting," says Moriarity. At 6 p.m. at the Foster Center, the Top Gun Maine Celebrity Presentation will feature a video conference with international celebrity entrepreneur Steve Blank, considered the top entrepreneurship educator in Silicon Valley who is revolutionizing how start-ups can achieve success with minimal investment. Among the audiences viewing the conference will be Top Gun Maine's 20 entrepreneurs and 50 mentors in video-conferencing rooms in libraries and on university campuses throughout the state. Viewers can ask questions and discuss Blank's presentation. "Calling All Entrepreneurs," Thursday, Feb. 16 from 9 a.m. to noon at the Foster Center and 1-4 p.m. at Target Technology Center in Orono will invite student entrepreneurs and others with business ideas to meet one-on-one with investors to discuss ideas, learn about resources for entrepreneurs and find out what investors look for in new businesses. Those wishing to participate are asked to call Ana Leira at (207) 866-6500 to register. The Maine Entrepreneurship Week, Feb. 11-18, also includes a Feb. 17 deadline for applications and executive summaries for the new UMaine Student Business Challenge organized and financially supported by three recent UMaine graduates as a way to generate and encourage innovation and creativity among students at UMaine. Proposals will be judged in April and winners receive a \$5,000 cash award, plus \$5,000 in in-kind business advising services. All events are free and open to the public. The [Foster Center for Student Innovation website](#) has additional details.

Contact: Jesse Moriarity, (207) 949-1550

Innovation Center Noted in Report on Business Gathering

15 Feb 2012

UMaine's Foster Center for Student Innovation was mentioned in a [Bangor Daily News story](#) about Tuesday's meeting of area business development organizations, including the Foster Center, to hear the stories of two successful local businesses. Abe and Heather Furth, 2004 UMaine graduates who are the husband-and-wife team that own Orono eateries Verve and Woodman's, were one of the businesses that discussed their story. Contact: Jessica Bloch, 207-581-3777

Fried Column on Maine GOP Caucuses

15 Feb 2012

Amy Fried, a UMaine political scientist, wrote in her regular Bangor Daily News [op-ed column](#) about apparent discrepancies in the Maine GOP caucuses that declared Mitt Romney the winner in a close race, with Ron Paul second. Fried compared that outcome to what happened in Iowa several weeks ago, when Romney was declared the winner by a slim margin but the result was later overturned after closer scrutiny of town results, leading to a win for Rick Santorum. Fried wrote that Maine's political reputation is at stake unless the problems are fixed. Contact: Jessica Bloch, 207-581-3777

Food Scientist Comments on Leftovers

15 Feb 2012

The website of the State newspaper in Columbia, S. C., also ran a Chicago Tribune story that included tips to keep

leftovers safe and appetizing, with comments from UMaine food scientist Mary Ellen Camire. She noted that those who eat leftovers should try to compensate for the nutrients the leftover is not providing. Contact: Jessica Bloch, 207-581-3777

Article Features Students' Path to Proposal

15 Feb 2012

The [Bangor Daily News](#) published a feature story about two UMaine students' courtship and a very public proposal. Engineering major Sean Carter of Ellsworth popped the question last week to math graduate student Rachel Rier of Lubec in The Weekly, a supplement to the Bangor Daily News. Contact: George Manlove, (207) 581-3756

Allan Interviewed for 'Chronicle' Hazing Article

15 Feb 2012

University of Maine professor of higher education and national pacesetter for hazing research Elizabeth Allan was interviewed for an in-depth article on hazing in The Chronicle of Higher Education. Allan, co-author of a national study on hazing with colleague UMaine research professor Mary Madden, said hazing is so ingrained in tradition that many participants simply accept the abuse as a rite of passage.

Contact: George Manlove, (207) 581-3756

Ice Core Drilling and Return: Blog Five

15 Feb 2012

[Click here to see all Climate Change blog entries.](#) The last two weeks have been extremely busy and productive. In the last blog entry we were about to leave for the 18,270-foot camp. We headed up on Feb. 1 and although we had waited for a break in the winds we were met by some strong gusts. The camp site was situated on a large, steep, sandy bank next to the glacier, which provided us with an excellent vantage point to plan trips onto the ice. There were hardly any rocks available so the tents had to be fastened with sand bags. [caption id="attachment_14970" align="alignright" width="300" caption="The drill site tent where a 200 foot long ice core was extracted by the team"]



[/caption] Once we had our shelters built and had set up our stove to begin melting snow for drinking water, our first priority was to get the snowmobile put together. We designated our kitchen tent as the construction site. Francisco and Masetta did a fantastic job, managing to finish in two days while working with limited space and in sub-zero temperatures. During this time the rest of the team was working on finding a safe route to the drill site. We were surprised to find many more crevasses on the way to the site than last year. For recreational travel across a glacier this is not a problem, a team just needs to be roped and will most likely only cross individual crevasses once or twice. In our case, we were planning on carrying heavy equipment with a snowmobile many times across the glacier. Due the multitude of crevasses and the uncertainty of how the snow bridges would hold up, we opted to change our drill to a safer and closer location. The new drill site was of the same quality as the original site; however, the ice core would be a bit shorter - a small price to pay for the safety of our team members. The

snowmobile worked perfectly, making the transportation of our gear much easier. We fastened 3 sleds together and attached them behind the snowmobile. What would have taken us days to prepare and carry to the drill site took only hours. We also used the snowmobile as a fast and fun way to commute to work. Before we could begin drilling we had to set up the drill tent, build the drill itself and dig a trench (with a chain-saw) to store the ice cores in. Although the glacier is cold, direct sunlight at these altitudes can heat surfaces, so it's best to cover the ice cores during the day.



the distance."]

[/caption] We began drilling on Feb. 4. Drilling is as much

an art as a technical skill and we were very lucky to have Mike as our driller. He has a vast amount of experience, having drilled all around the world. In addition to retrieving cylindrical ice segments from the glacier and storing them, the ice cores also needed to be examined for particular ice properties, such as summer melt layers. We always handled the ice cores carefully and cleanly, wearing clean suits, masks, and gloves. We use clean suits because we do not want to possibly contaminate the chemistry of the ice, although we actually only use the outside of the ice core to measure stable water isotopes, a possible temperature indicator that can reveal warmer vs. colder time periods, which cannot be contaminated by handling the ice. We use the inner part of the core, which never comes into contact with the drill or handlers, for major soluble ions and trace elements, such as sodium, sulfate, and lead. These types of chemical species can be indicators of natural and/or anthropogenic sources. Our job when we get back to Maine is to see how the ice chemistry has changed as we move from the top of the core (the present time) to the bottom (the past). Overall the drilling went very smoothly and we finished on Feb. 7. As expected, the ice core at the new site was shorter, reaching a depth of 200 feet. Now that we had the ice core, the difficult task of transporting it frozen and intact back to Santiago had begun. Our plan was to have the mules carry the ice in insulated boxes down to Aqua Azul camp where they would be repacked with dry-ice to maintain sub-zero temperatures for the rest of the trip. Paul took a test trip with ordinary ice down first to make sure every thing was in place for transfer. This included the delivery of dry ice, access to a freezer truck at the trailhead, and open roads to the Santiago freezer. Once Paul reported the test had been a success, we packed the ice cores and sent them down the mountain. Michael accompanied the ice cores to Santiago and reported last night that the ice was safely sitting in a freezer. It was extremely relieving to hear that the ice was safe. During the last couple years the team, led by Paul, has worked very hard to recover this ice. Andrei, Mariusz, Masetta, and I traveled down from the glacier yesterday and are currently staying at the Agua Azul camp. We will remain here a couple more days to wait for our equipment, which the Arrieros will take down from the glacier.

UMaine Researcher Meets U.N. Secretary General On Research Vessel

15 Feb 2012

University of Maine School of Marine Sciences associate research professor Lee Karp-Boss had the opportunity Saturday to meet with Ban Ki-moon, the secretary general of the United Nations, and spark his interest in oceanography using hands-on activities she co-developed at [UMaine](#). [caption id="attachment_14966" align="alignright"]



width="300"]

C. Sardet - Tara Expeditions[/caption] Karp-Boss met with Ban on board the Tara, a 118-foot schooner that is the research vehicle for the Tara Oceans Expedition. Karp-Boss is the chief scientist for the leg that left New York City Sunday and is sailing to Bermuda. This is the third leg with a UMaine scientist as chief – School of Marine Sciences professor Emmanuel Boss previously sailed with the Tara from Panama to Savannah, Ga. – and the second for [Karp-Boss](#). Ban was on the Tara for about 90 minutes following a Feb. 9 U.N. conference about the Tara project. The Tara left from Lorient, France, on Sept. 5, 2009, and has since been through the Mediterranean Ocean, in the Middle East, around southern Africa and across the Atlantic Ocean to South America. By March 2012, when the boat returns to Lorient, the expedition will have visited 32 countries with 50 stopovers. Tara Oceans Expedition is primarily a European-funded venture, but has also received support from NASA, the United Nations, the National Science Foundation and the National Institutes of Health. Maine scientists from both UMaine and Bigelow Lab are active in the project. For more information about the expedition, go to the Tara expedition website. Contact: Jessica Bloch, (207) 581-3777

New Online Resource to Help Property Owners Address Coastal Hazards

15 Feb 2012

The northeasterly storms that frequent the Maine coast in winter and spring can bring dramatic changes to sandy beaches, coastal marshes, and bluffs. The waves and flooding that accompany strong storms threaten coastal property with erosion and wind and water damage. Because homeowners may not be aware of these hazards or the vulnerability of their property, Maine Sea Grant and University of Maine Cooperative Extension have created the Maine Property Owner's Guide to Managing Flooding, Erosion, and Other Coastal Hazards. Developed in partnership with Maine Geological Survey and Maine Department of Environmental Protection, the new online guide seeks to help those who own waterfront land understand and manage their risks. "The coastal property owners who advised us on this project suggested a need for information on coastal environments and related hazards, as well as what they can do to prepare for hazard impacts," said marine extension associate Kristen Grant, one of the leaders of the project. The guide helps landowners identify what type of coastal environment they live in, which often is the first step to making a property more resilient. They then can explore a variety of possible strategies for addressing coastal hazard threats on their particular type of coastline. Approaches range from planting vegetation on dunes and improving drainage on bluffs, to elevating structures or moving them back from the water's edge. "Our intent is to help coastal property owners, and the municipal officials who work with them, together improve the resilience of coastal Maine," said Grant. Contact Catherine Schmitt, 207.581.1434, catherine.schmitt@umit.maine.edu

Horticulturist Explains New USDA Plant Hardiness Map

15 Feb 2012

The recently released USDA Plant Zone Hardiness Map, updating the previous 26-year-old zone map, reflects rising mean temperatures throughout the country, including Maine, where gardeners must carefully consider possible temperature dips as they anticipate spring planting. University of Maine Cooperative Extension professor and ornamental horticulture specialist Lois Berg Stack is available to explain what the new map might mean for Maine gardeners, in addition to suggestions about preparations for early planting. The hardiness zone map has always been a suggestion for plant selection, not a guarantee, says Stack. Lots of other factors - length of growing season, accumulated

heat during growing season, water availability, nutrient availability, soil type, general plant maintenance, etc. - are equally important. "I usually tell people that the hardiness zone rating is a starting point," she says. "And, although we do have climate change, and the new map reflects some 'warming' in some parts of Maine, it is based on one thing: the single coldest temperature each winter, averaged over several years. Plants have to survive each day, one by one. Although our winters may be warmer on average, we still have cold temperatures every winter." Stack also says that February is the start of the gardening season - the time to start onion seeds for next winter's storage, time to take cuttings of geraniums that have overwintered on a windowsill, time to visit a local garden center to for inspiration, or the time to take a gardening course or read a gardening book. February also is the perfect time to cut tree and shrub branches to bring indoors to force their flowers into color, she adds. Contact: Lois Stack, (207) 581-2949

Margaret Chase Smith Policy Center Paper 'Energy in Maine' Released

16 Feb 2012

The status of energy production and use in Maine, and the major components of the state's energy policy, are summarized in a new paper published today by the Margaret Chase Smith Policy Center at the University of Maine. "[Energy in Maine](#)", written by Policy Center research associate Catherine Dickerson, focuses on energy consumption and production in Maine, the state's energy options, and its strengths and needs. The 34-page paper also outlines major considerations for Maine, including energy evolution as an economic development opportunity; investments in education, training and infrastructure to address changes in the state's current energy mix; and the evaluation of trade-offs in relation to overall policy goals. Contact: Ron Lisnet: 581-3779, ron.lisnet@umit.maine.edu

Extension's Yarborough Comments in Blueberry Report

16 Feb 2012

University of Maine Cooperative Extension professor and blueberry specialist was interviewed from a [Bangor Daily News report](#) on the 2011 blueberry harvest in Maine. Yarborough said he expects the delayed but forthcoming USDA tally to conclude last year was a normal year for blueberry growers, with crops estimated at more than 80 million pounds.

Contact: George Manlove, (207) 581-3756

Huffington Post Cites UMaine Cranberry Research

16 Feb 2012

Cranberry research by University of Maine food science and human nutrition professor Vivian Wu and colleagues were cited in a blog in the [Huffington Post](#) about the multiple health benefits of antioxidant-rich cranberry juice. In addition to improving cardiovascular health, cranberries also fight infection. Wu studies ways cranberries can be used to slow or eliminate growth of listeria, salmonella, staph infection and E. coli in ground beef.

Contact: George Manlove, (207) 581-3756

UMaine Women's Basketball Coach Shaves Head for Fundraiser

16 Feb 2012

Richard Barron, the head coach of the University of Maine women's basketball team, had his head shaved for the Play4Kay Initiative after Wednesday's game against Hartford at Alfond Arena.



Barron had pledged to shave his head if UMaine reached a goal of \$10,000 for Play4Kay, which raises funds for the Kay Yow Foundation to support breast cancer research. UMaine hit the goal with \$10,255 and was listed, as of Feb. 16, the top team out of hundreds of colleges and high schools, in online giving.

Yow was the N.C. State women's basketball coach who died from breast cancer in 2009. Barron knew Yow and was an assistant coach at N.C. State in the two years after her death.

[Click here](#) to see a video of Barron having his head shaved at Alfond Arena.

Reuters Publishes Fried, Socolow Column on GOP Caucus Flap

16 Feb 2012

The international news organization Reuters published an [op-ed column](#) by University of Maine political scientist Amy Fried and UMaine communication and journalism professor Michael Socolow about the controversial decision by Maine Republican Party leaders to conclude that Maine endorsed Massachusetts Gov. Mitt Romney as the GOP presidential favorite despite incomplete caucus results last week. The issue has blemished the electoral process, the writers suggest.

Contact: George Manlove, (207) 581-3756

UMaine Administrator Takes Position in Connecticut

17 Feb 2012

Executive Director of Facilities, Real Estate and Planning Elaine Clark will be leaving the University of Maine to become the vice president for real estate and infrastructure planning at the Connecticut State Colleges & Universities Board of Regents for Higher Education beginning March 1. As executive director of facilities, real estate and planning, and formerly as associate vice president for administration and finance, Clark provided innovative leadership for UMaine Facilities Management and the senior administration. Working with Vice President for Administration and Finance Janet Waldron, Clark was instrumental in the development of UMaine's comprehensive Campus Master Plan. She has also been integral to facilities and space planning; sustainability and energy initiatives; municipal relations; capital construction of approximately \$100 million a year; and many successful real estate transactions, including the Caribou Bog-Penjajawoc Project land use agreement with the State Department of Inland Fisheries and Wildlife. Regarding Clark's departure, UMaine President Paul Ferguson said, "I wish Elaine much continued success in her new opportunity. She has brought significant vision, energy and experience to our UMaine facilities, real estate and planning operations, and we will greatly miss her obvious love for UMaine." Contact: Ron Lisnet (207) 581-3779

News Coverage of Faculty Member's Chancellorship Appointment

17 Feb 2012

Regional media covered Thursday's announcement that James Page of Old Town, a UMaine adjunct professor of

philosophy, has been named the chancellor of the UMaine System. The Portland Press Herald [noted](#) Page has been a member of the UMaine Board of Visitors and UMaine Foundation. In a Maine Public Broadcasting Network radio report, Page said the skill sets he developed as a philosophy professor transferred to the world of business. Portland TV station WMTW had a story about Page's hiring, and Seacoast Online, which includes newspapers in southern Maine and New Hampshire, ran an Associated Press [report](#). Contact: Jessica Bloch, (207) 581-3777

Report on Hockey Team's Donation to Military Families Group

17 Feb 2012

According to a report in the [Bangor Daily News](#), the UMaine men's hockey team donated \$500 to Operation Community Support, a group for the families of military men and women who have been deployed. Maine National Guard soldiers, many of whom will soon be deployed, and their families will attend Saturday night's game at Alford Arena. Contact: Jessica Bloch, (207) 581-3777

Newspaper Story on Muslim Student Group's Fundraising for Africa

17 Feb 2012

The Bangor Daily News had a [story](#) about UMaine's Muslim Student Association, which recently raised \$4,000 to send to the Humanitarian African Relief Organization. The organization coordinates the delivery of food and water to drought-stricken camps, town and villages. Three UMaine students who are members of the organization, including Vice President Abdu Traheem Sbayi, were quoted in the story. Sbayi told the BDN the drought in Africa has affected all social classes. Contact: Jessica Bloch, (207) 581-3777

VillageSoup Notes New Resource for Coastal Hazards

17 Feb 2012

The VillageSoup website had a story about a new online resource, provided by the UMaine-based Maine Sea Grant, that will help those who own waterfront land understand and manage their risks. Kristen Grant, a southern Maine marine extension associate, said landowners who advised Sea Grant on the project suggested a need for information on coastal environments and related hazards, as well as advice on what they can do to prepare for hazard impacts. Contact: Jessica Bloch, (207) 581-3777

TV News Features Student's Newspaper Proposal

17 Feb 2012

Channel 5 (WABI) interviewed two UMaine students for a feature report about their colorful courtship – a proposal made on the front page of a local newspaper supplement. Engineering major Sean Carter of Ellsworth popped the question last week to math graduate student Rachel Rier of Lubec in The Weekly, a supplement to the Bangor Daily News. She said yes. Contact: George Manlove, (207) 581-3756

CJR, Abu Dhabi Newspaper Run Martin Columns

17 Feb 2012

Websites for the Columbia Journalism Review and The National of Abu Dhabi each ran a column written by Justin Martin, a UMaine CLAS-Honors preceptor of journalism. Martin [wrote in the CJR](#) about a recent segment on the TV news magazine show 60 Minutes about the nation of Qatar, which Martin claimed contained inaccuracies and told an incomplete story about recent events there. In [The National](#), Martin wrote about rhetoric used in election-season exaggerations of the influence of the U.S. Contact: Jessica Bloch (207) 581-3777

UMaine Muslim Students Raise Funds for Somalia Crises

17 Feb 2012

Members of the University of Maine Muslim Student Association (MSA) raising money to aid starving and drought-stricken Somalia are inviting members of the campus and surrounding communities to a special presentation Monday, Feb. 20 on campus to raise awareness about the suffering and famine. The students -- many with roots in the African nation -- have raised more than \$4,000 in the last few weeks and hope to raise more to send to the Humanitarian African Relief Organization (HARO), which coordinates the delivery of food and water to camps, towns and villages, according to Mahmoud Sowe, a UMaine admissions counselor and adviser for the student group. Monday, at 4:30 p.m. in Room 100 of Neville Hall, the MSA will host a presentation, "Bringing Hope to Somalia: Crisis in the Horn," and discussion of the ongoing tragedy in Somalia, a country torn by civil strife compounded by drought and famine. "We would like to get the public to come to the event," Sowe says. "There will be some students and faculty members, and also a Husson University faculty member who is from Somalia who will explain what the situation is in Somalia to bring awareness and try to raise as much money as we can and see how we can make a difference." UMaine faculty member Carol Toner, co-author of the recent book "Somalis in Maine: Crossing Cultural Currents," along with MSA members and some from the Lewiston-Auburn area Somalia community will read from the book as part of the discussion. Information is on the [MSA website](#). Contact: George Manlove, (207) 581-3756

TV News interviews UMaine horticulturist on spring garden planning

17 Feb 2012

Channel 7 (WVII) interviewed University of Maine Cooperative Extension professor and ornamental horticulturist Lois Berg Stack for a Thursday, Feb. 16, 6 p.m. news report on spring garden planning tips as warm weather approaches. Stack says February is the time when gardeners should be planning their gardens and even starting some vegetables indoors. Stack also explained the new USDA Plant Hardiness Zone Map, which was recently updated after 26 years. The map reflects a trend of slightly warmer temperatures moving northward. The interview begins 8 minutes, 30 seconds into the broadcast. Contact: George Manlove, (207) 51-3756

UMaine Researchers Awarded Maine Technology Institute Grants

20 Feb 2012

Three University of Maine-related research projects have received seed grant awards from the Maine Technology Institute (MTI). The total amount of funding for the three projects, two of which are based in UMaine's Aquaculture Research Institute (ARI), is \$56,398 with \$57,284 match. One of the ARI projects awarded a grant was a research project to study the culture of Pacific abalone as a sustainable business in Maine. Heather Hamlin, an assistant professor in UMaine's School of Marine Sciences, is working with Robert Bishop, a nontraditional UMaine student and an abalone entrepreneur of 25 years who is planning to open an abalone farm in Maine. The grant will fund the development of protocols for repeat conditioning and spawning of captive abalone, which are not native to Maine and whose broodstock are difficult to obtain. The protocols will allow for additional growers in Maine to expand into the abalone market, which has a large market potential in the U.S. and around the world. Neil Greenberg, an assistant scientist and manager of the Aquaculture Research Center (ARC) at UMaine, is also involved. The technique for rearing abalone in Maine will be innovative. Abalone are reared already in California and Hawaii, but through the use of the flow-through seawater technique. Bishop has developed an innovation for rearing abalone in Maine in a recirculating seawater system. UMaine research assistant professor Sally Dixon Molloy and Ph.D. student Mike Pietrak, working with ARI research coordinator and Ian Bricknell, UMaine's professor of aquaculture biology and head of ARI, are involved with ARI's other MTI grant, which allocates \$14,387 to develop a new biological trap for sea lice. The invasive sea louse is considered the greatest economic threat to Atlantic salmon culture in North America, but previous UMaine research has shown that mussels remove sea lice larvae from the water column. The project proposes to demonstrate that the addition of semiochemicals, which would attract planktonic sea lice larvae without attracting other plankton, to a mussel mass will reduce sea lice settlement on salmon as proof of a concept to develop and commercialize a biological trap for sea lice. UMaine assistant research professor Andrew Goupee is part of a \$25,000 grant to help do a detailed Cost of Energy (COE) research analysis of a deepwater foundation for offshore wind farms,

known as a Submerged Web Foundation (SWF). The COE analysis is expected to strengthen future grant proposals and help fundraising and business development activities. Last year, MTI funded a preliminary analysis of the SWF that generated strong results. Goupee is working on the project with Oceanwind Technology LLC of Medford, Mass. MTI is an industry-led, publicly funded, nonprofit corporation that offers early-stage capital and commercialization assistance in the form of competitive grants, loans and equity investment for the research, development and application of technologies that create new products, processes and services, generating high-quality jobs across Maine. MTI Seed Grants of up to \$25,000 are offered three times a year to support early-stage research and development activities for new products and services that lead to the market. Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Website Picks up UMaine Climate Change Blog

20 Feb 2012

The website [Adventures in Climate Change](#) is running all of the blog entries about a team of scientists from the University of Maine's Climate Change Institute who are on an expedition in the Tupungatito Glacier, located in a volcanic crater at an elevation of 19,000 feet in the Andes Mountains in Chile. Paul Mayewski, director of the Climate Change Institute and Bjorn Grigholm, a Ph.D. student in Earth Science at UMaine, have been sending back blog entries via satellite phone from the field. The researchers are drilling ice cores, which they will bring back to UMaine. Adventures in Climate Change, which is a recommended blog on the Discovery Channel website, highlights the work being done by scientists, activists and anyone involved in climate change research as knowledge gatherers, observers or innovators.

Contact: Jessica Bloch, (207) 581-3777

Blue Sky Listening Session Wednesday

22 Feb 2012

The next in a series of one-hour information-gathering sessions President Ferguson has organized to solicit input for UMaine's strategic plan will take place Wednesday, Feb. 22, from 11 a.m.-12 p.m. in the Totman Room of the Memorial Union. The subject is Arts, Humanities and Culture. For a complete list of topics, dates and locations, visit www.umaine.edu/blueskyplan/information-gathering-sessions. Everyone in the university community is encouraged to attend and share their ideas for UMaine's future. Participants are encouraged but not required to bring a written summary of their idea (one page or less) or submit it online at <http://umaine.edu/blueskyplan>.

In preparing a summary, participants are encouraged to answer any or all of the following questions: What do you see as a key area of distinction at UMaine? What do you see as an opportunity or challenge that UMaine faces? What solution do you propose? How will this solution enable UMaine to achieve a new vision of institutional excellence and realize its position as a leading 21st century Land and Sea Grant University? How would you assess whether this solution is successful? Contacts: Howard Segal, (207) 581-1920, or Judy Josiah-Martin, (207) 581-1425.

UMaine Engineering Group a Finalist in Newman's Own Challenge

21 Feb 2012

A volunteer project by the University of Maine student chapter of Engineers Without Borders -- bringing a septic system and safer water to a small Honduran village -- has been selected as one of the top three finalists in the 2012 Newman's Own Foundation Campus Community Service Challenge. The winning student project will receive a \$25,000 cash award to help with the costs of the project; second place will result in a \$15,000 award, and the third place award is \$10,000. First- through third-place winners will be announced at the America East Men's and Women's Basketball Championship at the University of Hartford March 1-4. The annual competition is among the nine members of the America East member universities. Every entry will receive a grant of at least \$5,000. Engineers Without Borders will complete construction of a student-designed community septic system in the village of Dulce Vivir in the

mountainous Copán region of Honduras over spring break. In 2010, the first year of the Newman's Own competition, UMaine's Bodwell Center for Service and Volunteerism's Black Bear Mentor Program won third and a \$10,000 prize. Last year, the UMaine Welcome Weekend Day of Service and Maine Hello move-in initiatives received honorable mention and \$7,500. Contact: Andrea Gifford, 581-4031

Sun Journal Features Sociology Student

21 Feb 2012

The [Lewiston Sun Journal](#) has a story about Lanette Bryant of Dixfield, a third-year UMaine student majoring in sociology and minoring in women's studies. Bryant graduated recently from Emerge Maine, a program for democratic women who have an interest in running for political office. Bryant said she plans to finish her degree, start a career, and run for an office "sooner rather than later." Contact: Jessica Bloch, (207) 581-3777

Nursing Students' Trip in WABI Report

21 Feb 2012

Bangor TV station WABI reported on a group of UMaine nursing students who are going to Belize for spring vacation. The students will volunteer in local hospitals and health clinics and bring medical supplies. Contact: Jessica Bloch, (207) 581-3777

Brewer Comments on Snowe

21 Feb 2012

UMaine political scientist Mark Brewer was quoted in an Associated Press story on the Boston Globe website about Sen. Olympia Snowe and her reelection campaign. Brewer said although the conservative enthusiasm in Maine's recent GOP presidential caucuses probably didn't go unnoticed by Snowe's campaign, votes for libertarian Ron Paul and conservative Rick Santorum doesn't necessarily translate to support for Snowe's opponents. The New England Cable News website Central Maine Morning Sentinel also carried the [story](#). Contact: Jessica Bloch, (207) 581-3777

Marine Scientists Featured in Newspaper Article

21 Feb 2012

UMaine marine scientists Emmanuel Boss and Lee Karp-Boss were the subjects of a [Bangor Daily News article](#) about their participation in the Tara Expeditions, a research journey that has spanned 81,000 nautical miles since September 2009. Karp-Boss is currently serving as chief scientist, her second time in that role as the Tara research vessel sails from New York to Bermuda. Boss served as chief scientist for a leg of the trip last year. Contact: Jessica Bloch, (207) 581-3777

Political Science Student in Camden Conference Report

21 Feb 2012

UMaine student Marshal Wade was quoted in a [Bangor Daily News story](#) about the Camden Conference, which brings together people to discuss complex challenges facing the U.S. and the world. Wade, a sophomore studying political science who is taking a UMaine class built around the conference, said other countries seem to have the opportunity to overtake the U.S. in a lot of areas. Contact: Jessica Bloch, (207) 581-3777

TV Reports Advance Student Fundraising Projects

21 Feb 2012

Television news reports featured two separate fundraising projects headlined by UMaine fraternities. Bangor TV station WLBZ reported on Beta Theta Pi's bonfire and sleepout event to raise awareness and money for Bangor Rape Response Services. Bangor's WABI had a report on a Pi Kappa Alpha's Cycle for Life, which raised money for leukemia research. Contact: Jessica Bloch, (207) 581-3777

Opinion Piece on Social Networking Sites

21 Feb 2012

Jonathan David Farley, a faculty member in UMaine's computing and information science department, wrote an opinion piece in the [Portland Press Herald](#) about a high school coach in western Maine who resigned after posting to Facebook a questionable photo of himself. Farley argues we must establish the ethic in society that we retain the freedom to do as we will, subject to the terms and conditions of the social contract, on our own time. Contact: Jessica Bloch, (207) 581-3777

Political Scientist Comments on Caucus Controversy

21 Feb 2012

The [Bangor Daily News](#) included comments from UMaine political science faculty member Amy Fried in a story about the Maine GOP caucus controversy. Fried said caucuses are good for party building, but going to a primary would probably encourage more people to get involved. Contact: Jessica Bloch, (207) 581-3777

State Government Summer Internships Available

21 Feb 2012

The 2012 Maine State Government Summer Internship is now accepting applications from college students and state agencies. The deadline for student applications is March 12; the deadline for agency intern requests is March 5. Administered by the Margaret Chase Smith Policy Center at the University of Maine, the program is an opportunity for outstanding students to observe and participate in state government and for state agencies to benefit from the work performed by them. "Studies show that employability improves when applicants can show real professional experience along with a degree, which this program also provides," says BJ Kitchin, information and communications coordinator for the program. In 2011, 34 students were selected and completed the program. Complete details are included on the program [website](#). Contact: BJ Kitchin, (207) 581-1644

Environmental Law Expert in Report on Controversial Bill

22 Feb 2012

UMaine's Sharon Tisher, a faculty member in the School of Economics whose specialty is environmental law and policy, testified Tuesday in a hearing in Augusta about a LD 1810, a bill that would allow landowners recourse when their property value has been harmed by environmental or other regulations, according to a [Bangor Daily News](#) story. Speaking on behalf of the Maine Organic Farmers and Gardeners Association, Tisher said the group is strongly opposed to the bill because it would "waive important environmental statutes and create a great patchwork of environmental regulations that would ultimately significantly depress property values." Contact: Jessica Bloch, (207) 581-3777

Cianbro Notes Hiring of Engineering Students

22 Feb 2012

In a report on hiring needs at construction company Cianbro, company CEO Peter Vigue noted Cianbro has been a leader in hiring UMaine engineering graduates. Cianbro is currently looking to fill 150 positions, including electrical engineers, electrical superintendents, electrical foremen, safety people, estimators and engineers in general. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension in Story on CSA Fair

22 Feb 2012

A story on the Current Publishing website noted that University of Maine Cooperative Extension in York County is co-sponsoring an upcoming Community Supported Agriculture (CSA) Fair in Springvale. The story also noted UMaine Extension's Kids Can Grow initiative, which is an effort to get children involved in independent farming. Contact: Jessica Bloch, (207) 581-3777

Student Group Helps Mark Domestic Violence Awareness Day

22 Feb 2012

UMaine's Male Athletes Against Violence (MAAV) student group appeared at the State House Tuesday to help mark Maine's second Domestic Violence Awareness Day. The [Bangor Daily News](#) interviewed Roosevelt Boone, a former UMaine football player who was representing MAAV, who said adults and parents need to call out jokes, TV shows and music lyrics that demean women. Contact: Jessica Bloch, (207) 581-3777

Policy Center Fellow Interviewed on Tax Breaks

22 Feb 2012

A [Maine Center for Public Interest Reporting story](#) in the Portland Press Herald about Pine Tree Development Zones included comments from Lee Webb, a senior fellow at UMaine's Margaret Chase Smith Policy Center. Webb said the zones, which are state economic programs that gave tax breaks to encourage business, said he was tuned off to such programs while formerly running economic programs in New York state, because the taxpayer ultimately loses out. Contact: Jessica Bloch, (207) 581-3777

Extension Educator Comments on Maple Syrup Season

22 Feb 2012

Kathy Hopkins, a University of Maine Cooperative Extension educator, was interviewed by [Ontario's Hamilton Spectator](#) in a report on the early start to maple syrup season. Hamilton predicted the production season could be cut in half, resulting in reduced volume of syrup, due to the mild winter and the potential for a fast changeover to spring. Contact: Jessica Bloch, (207) 581-3777

Mild Winter Triggers Early Maple Sugar Season

22 Feb 2012

Lighter than normal snow accumulation, warmer than normal temperatures earlier in the season and an earlier than normal start of the maple syrup season are making some weather watchers wonder if there is a new "normal." The light winter and smaller snow pack could defuse the threat of spring flooding, and syrup producers are early in tapping maples, say University of Maine Cooperative Extension scientists. Extension educator and maple syrup expert Kathy Hopkins in the Somerset County office in Skowhegan says most sap harvesters began tapping last weekend, and some are already boiling sap into syrup. She predicts a healthy maple syrup season, barring sudden and extreme warm weather, which could force an early end to the season without the usual snow cover that helps keep the environment cool and constant in the woods. "It's a little early," she says, "but if it stays with temperatures like this, we'll be good." Unseasonably warm temperatures also could harm fruit trees, according to Renae Moran, Extension fruit tree specialist at Highmoor Farm in Monmouth. Temperatures rising above 50 degrees can accelerate budding and flowering, she says, and early-blooming buds could be killed by a severe freeze. "An early spring is always a concern to fruit growers because trees bloom around the time of the last killing frost," she says. "When bloom occurs early, the chance of a killing frost is much greater." A less than normal snowpack may reduce spring flooding, and groundwater levels are

healthy because of late season rains in 2011, says John Jemison, an Extension soil and water quality specialist. Both Jemison and Extension water quality scientist Laura Wilson in Orono say it's still possible for Maine to receive a severe snowstorm before spring officially arrives. "The last several winters on average have been warmer and drier than what we are used to," Jemison says. "Last year was very snowy, but the previous few were more like this. I think this is more like the winter of our future." Contacts: John Jemison, (207) 581-3241; Laura Wilson, 581-2971; Kathy Hopkins, 474-9622; Renae Moran, 933-2100.

Ohio Newspaper Notes UMaine Hazing Research

23 Feb 2012

[In a report on a recent hazing incident](#) related to students and alumni of Youngstown State University, the Vindicator newspaper of Youngstown, Ohio, quoted UMaine education professor Mary Madden about why students participate in hazing. Madden, who along with UMaine's Elizabeth Allan co-authored a landmark 2008 study into hazing, said students participate in hazing, theoretically, because of the need to belong to something, which is a natural part of the development period for college students. Contact: Jessica Bloch, (207) 581-3777

Press Herald Report on Pickle Lab

23 Feb 2012

The [Portland Press Herald](#) featured an educational program known as "pickle labs" offered by the University of Maine Cooperative Extension Service of Cumberland County during school vacation weeks. Children learned how pickling developed as a method of food preservation long before modern refrigeration, and how it still plays a role in keeping foods edible and tasty. Kate McCarty, one of the master food preservers for UMaine Extension, explained how ship captains often served pickled foods, which are high in vitamin C, in part to keep passengers and crews from getting scurvy and dying on long trips across the Atlantic. Contact: Jessica Bloch, (207) 581-3777

Orono Councilor Candidates Note UMaine Relationship

23 Feb 2012

A candidate for Orono town council spoke Wednesday night during a candidates' forum about the importance of the relationship between the town and UMaine, according to [an article in the Bangor Daily News](#). Thomas Perry, an incumbent, said the relationship is "not something you can let go of even for a minute." Contact: Jessica Bloch, (207) 581-3777

Next Blue Sky Listening Session Friday on Student Life

23 Feb 2012

The next in a series of one-hour information-gathering sessions President Ferguson has organized to solicit input for UMaine's strategic plan will take place Friday, Feb. 24, from 12-1 p.m. in the Buchanan Alumni House. The subject is Student Life. For a complete list of topics, dates and locations, visit this website. Everyone in the university community is encouraged to attend and share their ideas for UMaine's future. Participants are encouraged but not required to bring a written summary of their idea (one page or less) or submit it online here.

Contacts: Kenda Scheele, (207) 581-1406; Howard Segal, (207) 581-1920; Dan Sturup, (207) 581-1799.

America East Video Features UMaine's Josiah-Martin

23 Feb 2012

Judith Josiah-Martin, director of Multicultural Programs and ALANA Center at UMaine, was recently interviewed for [a](#)

[video](#) produced by the America East Conference, of which many UMaine sports teams are members. The video is part of the conference's effort to honor the African-American faculty and staff members from each of the nine schools affiliated with the America East. The conference is putting together a nine-part video series featuring one prominent African-American from each school. The features highlight the connection these individuals have on campus, as well as in surrounding communities. Contact: Judith Josiah-Martin, (207) 581-1425

Grad Student Vying for Miss Collegiate America

24 Feb 2012

Callie MacQueston of Vinalhaven, a UMaine graduate student pursuing a master's in human development, was featured in a coastal [Village Soup newspaper article](#) about her preparations for the Miss Collegiate America Pageant March 9-10 in San Antonio. MacQueston is representing the state of Vermont as an at-large contestant, according to the article. Contact: George Manlove, (207) 581-3756

Article Cites Extension 4-H Steers Club Benevolence

24 Feb 2012

A [Lewiston Sun Journal article](#) about a Kingfield teen receiving an award for her service to area youth through the University of Maine Cooperative Extension 4-H Franklin County Working Steers Club cited some of the benevolent activities the club engages in, such as making holiday cards for aging adults in nursing homes, stacking wood for seniors and raising funds for local projects, in addition to educating youth about raising and showing livestock. Contact: George Manlove, (207) 581-3756

Sustainable Maine Documentaries Available Online

27 Feb 2012

Maine EPSCoR and SSI are collaborating with MPBN on "Sustainable Maine" a series of documentaries highlighting the work of SSI researchers and stakeholders as they come together to take on tough issues. The first two episodes, "The Triple Bottom Line" and "Desperate Alewives", are available online. Additional information and podcasts on the featured researchers, projects, and partners is available at http://www.umaine.edu/sustainabilitysolutions/news/sustainable_maine.html. Contact: Ron Lisnet (207)581-3779

Economist's Study Noted in Newspaper Report on Rise in Toxins

27 Feb 2012

A 2010 report by Mary Davis, a UMaine adjunct professor of economics, was noted in a [Kennebec Journal story](#) linking the rise in toxins in Maine's air with an increase in the productivity of Maine's pulp mills. The 2010 Economic Assessment of Children's Health and the Environment in Maine, a report published in the Maine Policy Review, found childhood illnesses associated with toxic environmental exposures costs Maine at least \$380 million a year. Contact: Jessica Bloch, (207) 581-3777

Early Maple Syrup Season Story Includes Expert's Comments

27 Feb 2012

The [Bangor Daily News](#) interviewed University of Maine Cooperative Extension maple syrup expert Kathy Hopkins about the early start to this year's maple syrup season. Hopkins said producers all over the state have started to tap trees. There is no downside to the early season, she added as long as temperatures don't suddenly warm up for an extended period, which eventually affects the taste of the sap. Contact: Jessica Bloch, (207) 581-3777

Press Herald Reports on Grant to AgrAbility Program

27 Feb 2012

Maine AgrAbility, a UMaine program that helps address the needs of farmers with disabilities has received a nearly \$166,000 federal grant from the U.S. Department of Agriculture's AgrAbility program, according to a brief in the [Portland Press Herald](#). The grant was among \$4.1 million provided nationwide by the National Institute of Food and Agriculture. Contact: Jessica Bloch, (207) 581-3777

Bangor Daily News Profiles UMaine Athletic Director

27 Feb 2012

UMaine athletic director Steve Abbott was the subject of a [profile](#) in the Bangor Daily News. UMaine President Paul Ferguson was quoted in the story, saying Abbott brings a broad view of college sports with diverse insights. Contact: Jessica Bloch, (207) 581-3777

Former Interim UMaine President in Florida Newspaper

27 Feb 2012

The Orlando Sentinel has a [story](#) about John Hitt, who served as UMaine interim president from July 1, 1991 to Feb. 23, 1992 and is now marking his 20th year as president of the University of Central Florida. Hitt arrived at UCF after a career at UMaine as vice president for academic affairs and professor of psychology.

Contact: Jessica Bloch, (207) 581-3777

Columnist Writes About Dinner with Hockey Coach, Players

27 Feb 2012

Sarah Smiley, a columnist for the [Bangor Daily News wrote](#) Monday about the dinner she and her three sons shared with UMaine men's ice hockey coach Tim Whitehead and student-athletes Nick Pryor and Kyle Beattie. The Black Bear hockey representatives were part of the "Dinner with the Smileys project," in which Sarah Smiley invites special guests to her house while her husband is away on a deployment with the U.S. Navy. Sarah Smiley wrote that Whitehead invited the family a few days later to watch a practice and meet the rest of the team. Contact: Jessica Bloch, (207) 581-3777

Getting The Ice Cores Home: Blog Six

27 Feb 2012

[Click here to see all Climate Change blog entries.](#) We thoroughly enjoyed the time we spent in Maitenes waiting for the Arrieros to join us with the remaining equipment. We enjoyed beautiful weather and delicious meals, which always included fresh fruits and vegetables that are very difficult to maintain in the field. We spent our time assessing the equipment we had with us for possible damage. Obviously, our tents are subjected to harsh conditions such as high velocity winds, volcanic soils and dusts, and strong UV radiation, and it is very important that we inspect each item carefully to ensure it is adequate (or not) for another field season. Although we were enjoying nice conditions, the Arrieros were not so fortunate with the weather. Up at the top of the mountain they were encountering some strong winds and snow. Luckily, they were able to get the last of the gear down in one trip and they were as happy as we were to return to Maitenes. Once all the gear was reunited, we inspected everything and separated the essential gear (drill, tents, sleds, rope, etc.) that we were returning to Maine and insured it was all safe for travel. We gave all the remaining unused food to the Arrieros as an extra thank you for their great job. During this time, we were also communicating with Paul and Michael. They gave us a more detailed account of the ice cores' safe transport to Santiago and present condition (see photos). Currently, the ice cores are sheltered in a freezer in Santiago waiting to shipped by sea from

Valparasio to Boston. It’s incredible to think that this ice core, which began as snowflakes hundreds, or perhaps thousands, of years ago on top of a volcano in the middle of the Andes, will now travel north into the tropics across the equator and come to rest in a laboratory in a small town in Maine. Of course, part of our job will be to determine exactly how long the ice resided in the Andes. As we were finishing our packing the Arrieros kindly invited us to their home to enjoy a farewell assado (barbeque). The food was excellent and included grilled goat, avocados, and freshly baked bread. We toasted to a successful field season and discussed potential future endeavors in the Andes. Michael reported there was no damage to any of the ice cores, which is incredible considering the terrain they were transported over. Again we would like to thank the Arrieros for an amazing job; working at high-altitudes is extremely difficult especially when handling delicate ice in the mountains. [gallery columns="2" ids="15111,15112,15113,15114"]

UMaine Hosting Summer Camp Fair for Kids

27 Feb 2012

Children, parents and guardians will have a chance Wednesday, March 7 to learn about more than 100 Maine summer camps for kids at the Summer Camp Fair being held from 4-7 p.m. at the University of Maine New Balance Student Recreation Center. Admission is free and those who attend will receive a free day pass to the recreation center, according to the Foster Center for Student Innovation, a cosponsor and event organizer with the Division of Student Affairs and Campus Recreation. Camps include Y camps, scouting camps, robotics camps, math and science camps, outdoor education camps, theater, art and space camps, and camps with a mountain guide, golfing and Chinese culture themes. Additional details are included on the Foster Center website at <http://foster.target.maine.edu/the-center/events/88-2012-summer-camp-fai>. Contact: Jesse Moriarity, (207) 581-1427

New Chancellor Featured in Education News Website

27 Feb 2012

In a story about new UMaine System chancellor James Page, the [Chronicle of Higher Education](#) noted that as an adjunct professor of philosophy at UMaine, Page will bring an unusual perspective to his new position. Page told the Chronicle that his dual roles as a businessman and faculty member will help him appreciate the delicate balance between bottom-line financial and educational issues facing the system.

Contact: Jessica Bloch, (207) 581-3777

Fall 2011 Deans List

29 Feb 2012

Recently the University of Maine recognized 1,947 students for achieving Deans List honors in the Fall 2011 semester. Of the students who made the Deans List, 1,689 are from Maine, 203 are from out of state, and 55 are from foreign countries. *Please note that some students have requested that their information not be released; therefore their names are not included.*

Last	First Name	City	State	Country
Alabdulwahed	Ahmad	Dammam		Saudi Arabia
Aljafar	Mohammed	Riyadh		Saudi Arabia
Ascheid	Sonja	Ailertchen		Germany
Bai	Jinlun	Kunming		China
Bernardi	Lucas	Getulio Vargas		Brazil
Binnendijk	Alexa	The Hague		Netherlands

Dixit	Dilasha	Kathmandu		Nepal
Dong	Hong Yi	Paco		Philippines
Fetahu	Flavio	Tirana		Albania
Gjeta	Donald	Tirana		Albania
Halliday	William	Devonshire		Bermuda
Kilby	James	Staffs		United Kingdom
Kreuzberger	Melanie	Villingendorf		Germany
Maskay	Aman	Orono		Nepal
Maskay	Anin	Kathmandu		Nepal
Moeller	David	Lauterstein		Germany
Mueller	Barbro-Kristin	Varel		Germany
Murphy	Rory	Riverstick		Ireland
Norman	Bill	Danderyd		Sweden
Phan	Le Phi Vu	Ho Chi Minh		Viet Nam
Saliou-Sulley	Fuoad	Kasoa		Ghana
Shevchuk	Nataliya	Ternopil		Ukraine
Shrestha	Riju	Kathmandu		Nepal
Tran	Dung	Dong Nai		Viet Nam
Truong	Chi	Quang Ngai		Viet Nam
Tungatarova	Auken	Almaty		Kazakhstan
Van Landeghem	Aiko	Stabroek		Belgium
Oda	Chihiro	Sapporo City		Japan
Mitsuhashi	Ryu	Kitaku		Japan
Zhang	Xinruo	GuiLin		China
Kaluzny	Kayla	CALGARY	AB	Canada
Reed	James	APO	AE	Germany
Norum	Ashley	Fairbanks	AK	
Beattie	Kyle	Buckeye	AZ	
Dubiel	Kara	Scottsdale	AZ	
Fleck	Brittany	VANCOUVER	BC	Canada
Newton	Kelly	VANCOUVER	BC	Canada
Price-Leibenzeder	Meagan	SURREY	BC	Canada
Stewart	Holly	NORTH VANCOUVER	BC	Canada
Shipley	Samuel	Santa Barbara	CA	

Bologna	Amy	Windsor	CT	United Kingdom
Coer	Brian	Madison	CT	
Donor	Ashley	Tolland	CT	
Faugno	Nicole	Stamford	CT	
Haller	Taryn	Mystic	CT	
Jones	Ian	Canton	CT	
Krauss	Emily	Enfield	CT	
Mauthe	Jacob	East Lyme	CT	
McFadden	Kevin	Milford	CT	
Moore	Megan	Trumbull	CT	
Myers	Jason	Plantsville	CT	
Poole	Andrew	Tariffville	CT	
Quinion	Sandra	Litchfield	CT	
Torrey	Ian	Branford	CT	
Updyke	Raymond	East Lyme	CT	
Veitch	Eric	Guilford	CT	
Williams	Cary	Greenwich	CT	
Williams	Joshua	North Stonington	CT	
Schleifer	Amanda	Camden	DE	
Frith	Thomas	Newton Abbot	DEVON	
Bickford	Katherine	Cutler Bay	FL	United Kingdom
Hosford	Samantha	Lake Wales	FL	
Bolte	Ty	Des Moines	IA	
Wright	Dana	Twin Falls	ID	
Ralphs	Dagmar	O'Fallon	IL	
Linn	Abigail	Elkhart	IN	
Ahrens	Lucas	Melrose	MA	
Armstrong	John	Pepperell	MA	
Arsenault	Michael	Milford	MA	
Bemis	Barbara	Westfield	MA	
Chalmers	Jennifer	Foxboro	MA	
Conner	Corey	West Townsend	MA	
Cornell	Michael	Franklin	MA	
Cote	Sofia	Watertown	MA	

Dempsey	Andrew	Scituate	MA
Devers	Connor	North Attleboro	MA
Dixon	Rebecca	Marlborough	MA
Doherty	Patrick	Maynard	MA
Drapeau	Zachary	Haverhill	MA
Dzaugis	Matthew	Holden	MA
Feehan	Keri	Lunenburg	MA
Fenton	Michael	Ipswich	MA
Flannery	Andrea	Pocasset	MA
Gaudreau	Linda	Marshfield	MA
Glidden	Eric	Marshfield	MA
Hirschfeld	Leslie	Melrose	MA
James	Aaron	Lancaster	MA
Kelley	Paul	Hopkinton	MA
Lipinski	Hallie	East Bridgewater	MA
LoConte	Vincent	Winthrop	MA
Losi	Caitlin	Hyde Park	MA
Lynch	Nicollette	Somerset	MA
Mako	Calvin	South Deerfield	MA
Marro	Michelle	Grafton	MA
Mini	Alexandra	Groveland	MA
Morin	Erica	Burlington	MA
Mullarkey	Patrick	Mendon	MA
Oberg	Isak	Douglas	MA
Oparowski	Joshua	Westborough	MA
Parkhill	Nathaniel	Winchester	MA
Pelto	Jillian	Jefferson	MA
Pisano	Gregory	Arlington	MA
Redfern	Ian	Ipswich	MA
Shay	Laura	Marshfield	MA
Snow	Melissa	Wayland	MA
Stakus	Angela	Mendon	MA
Stocker	Carolyn	Westfield	MA
Sutter	Mackenzie	Holden	MA
Sweeney	Kaileigh	Scituate	MA

Taccini	Chelsey	West Bridgewater	MA	Canada
Thibault	Courtney	Rowley	MA	
Thibeault	Ashley	South Hamilton	MA	
Turcotte	Darlene	Dracut	MA	
Turner	Elizabeth	West Bridgewater	MA	
Varjabedian	Ani	Middleboro	MA	
Viens	Gregory	Attleboro	MA	
Volpi	Vanessa	Williamstown	MA	
Young	Aimee	Bedford	MA	
Swerid	Jordan	LAC DU BONNET	MB	
Carter	Alexandra	Baltimore	MD	
Melhus	Benjamin	Potomac	MD	
Stigile	Robert	Silver Spring	MD	
Taylor	Valerie	Greensboro	MD	
Twardochleb	Erin	Gaithersburg	MD	
Abarno	David	Greenwood	ME	
Abbott	Cody	Kittery	ME	
Abbott	Samantha	Saco	ME	
Abovian	Andrew	Presque Isle	ME	
Abrams	Molly	Cutler	ME	
Achmatowicz	Alexander	Orono	ME	
Achmatowicz	Mya	Orono	ME	
Ackerson	Nathan	Presque Isle	ME	
Adams	Amy	Eddington	ME	
Adams	Heather	Winterport	ME	
Adams	Samuel	South Portland	ME	
Agnew	Curtis	Bangor	ME	
Ahmady	Naveed	Windham	ME	
Ako Annan	David	Milford	ME	
Albert	Jennifer	Madawaska	ME	
Albert	Sarah	Frenchville	ME	
Albert	Seth	Scarborough	ME	
Alberts	Kristen	South China	ME	
Aldrich	Jennifer	Upton	ME	

Aleksiev	Evgeni	Old Town	ME
Alexander	Brianna	Bangor	ME
Allen	Elizabeth	Bangor	ME
Allen	Joshua	Hermon	ME
Allen	Marissa	Industry	ME
Allen	Rebecca	Pittston	ME
Allen	Samuel	Brooklin	ME
Alley	Cassandra	Glenburn	ME
Alley	Rachel	Brewer	ME
Amabile	Evan	Hollis Center	ME
Anastasoff	Ashley	Scarborough	ME
Anderson	Colleen	Topsham	ME
Anderson	Courtney	Greene	ME
Anderson	Courtney	Manchester	ME
Anderson	Kristina	Old Town	ME
Anderson	Neal	Ellsworth	ME
Andrews	Abigail	Boothbay Harbor	ME
Andrews	Emily	Holden	ME
Anthoine	Mark	Lewiston	ME
Antonio	Valerie	Cape Elizabeth	ME
Arbo	Timothy	Belfast	ME
Arell	Michael	Bangor	ME
Armstrong	Caitlin	Stow	ME
Arseneau	Justin	Bucksport	ME
Artman	Garrett	Milford	ME
Arute	Molly	Jackson	ME
Ascanio	Samuel	South Portland	ME
Atherton	Zachary	Naples	ME
Attean	Thomas	Indian Island	ME
Atwood	Emily	Fryeburg	ME
Aube	Dana	Hebron	ME
Avakian	Grace	Gouldsboro	ME
Aydelott	Megan	Orono	ME
Baard	Karin	Brunswick	ME
Bailey	Ashley	Wiscasset	ME

Bailey	Ashley	Limerick	ME
Bailey	Michael	Saco	ME
Baker	Seth	Glenburn	ME
Baldacci	John	Holden	ME
Ballou	Molly	Skowhegan	ME
Balzano	Samuel	Portland	ME
Bansmer	Katrina	Augusta	ME
Barnes	Isaac	Gorham	ME
Baron	Katie	Millinocket	ME
Barra	Daniel	Wells	ME
Barra	Veronika	Wells	ME
Bartelt	Thomas	Mariaville	ME
Bartlett	Ashley	Trenton	ME
Bartlett	Emily	Houlton	ME
Bartlett	Lucas	Oakland	ME
Bartos	Katherine	Greene	ME
Bascom	Derek	Round Pond	ME
Bate	Elissa	Holden	ME
Bates	Adam	South Berwick	ME
Beach	Jacob	Eliot	ME
Beacham	Gwendolyn	Farmington	ME
Bean	Philip	Sidney	ME
Beasley	Jennifer	Houlton	ME
Beaster	Mary	Warren	ME
Beaudry	Bethany	Windsor	ME
Becker	Alexandrea	Hampden	ME
Becker	Amy	North Berwick	ME
Bedak	Maja	Portland	ME
Beeskau	Stephanie	Kittery	ME
Begley	Nicole	Windham	ME
Belanger	Danielle	Poland	ME
Belka	Joshua	Orono	ME
Belknap	Christina	Orono	ME
Bell	Mollie	Waterford	ME

Bell	Molly	Caribou	ME
Bell-Colfer	Kyle	Farmingdale	ME
Belliveau	Alexander	Kittery	ME
Benedix	Derek	Mexico	ME
Bennett	Breana	Freedom	ME
Benson	Margaret	Brewer	ME
Berenyi	Kali	Searsport	ME
Berg	Richard	Bangor	ME
Bergeron	Abigail	Hampden	ME
Bergeron	Andrew	Augusta	ME
Bergeron	Charles	Hampden	ME
Bernard	Olin	Milford	ME
Bernard	Whitney	West Enfield	ME
Berry	Courtney	Standish	ME
Berry	Mary	Monmouth	ME
Berube	Maxwell	South Portland	ME
Berube	Noah	Biddeford	ME
Besse	Samantha	Glenburn	ME
Bickford	Denise	Winterport	ME
Bickford	Kiley	Pemaquid	ME
Bickford	Mary Kathleen	Belfast	ME
Bickford	Robert	Milford	ME
Billings	Genevieve	Lamoine	ME
Billings	Ryan	West Paris	ME
Bilodeau	John	Brunswick	ME
Bilodeau	Peter	Greenville	ME
Birckhead	Joseph	Ellsworth	ME
Bird	Kendra	Bangor	ME
Bishop	Sarah	Orono	ME
Bishop	Tiffany	Milo	ME
Biskup	Thomas	South Portland	ME
Bizier	Esther	Livermore	ME
Bizier	Thomas	Livermore	ME
Blackmer	Travis	Dedham	ME
Blanchard	Stuart	Winthrop	ME

Blanchard	Vanessa	Carmel	ME
Blenk	Kathryn	Freeport	ME
Bode	Danielle	Old Town	ME
Bodwell	Erik	Brunswick	ME
Bogner	Jaclyn	Westbrook	ME
Boissonneault	Cory	Biddeford	ME
Bolduc	Alicia	Norridgewock	ME
Bolduc	Eric	Dixfield	ME
Bolduc	William	Cumberland Foreside	ME
Bolinger	Siobhan	Gorham	ME
Bolstridge	April	Dixmont	ME
Bondeson	Finn	Woodland	ME
Bonney	Megan	Bethel	ME
Bonsaint	Mara	Brunswick	ME
Bonsey	Kourtney	Old Town	ME
Borer	Mary	Mariaville	ME
Boros	Otilia	Old Town	ME
Bosse	Ryan	Milford	ME
Bossie	Meagan	Caribou	ME
Bossie	Tiffany	Houlton	ME
Bothen	Ariel	Mount Desert	ME
Bouchard	Brian	Millinocket	ME
Bouchard	Bryan	Corinth	ME
Bouchard	Daniel	Old Town	ME
Bouchard	Dylan	Greenville	ME
Boucher	Mark	Madawaska	ME
Boulette	Ariel	Sabattus	ME
Boulette	Arielle	Sidney	ME
Bourey	Grace	Portland	ME
Bourgault	Bianca	Jay	ME
Bourque	Blake	Belgrade	ME
Bousquet	Julia	South Berwick	ME
Bousquet-Smith	Brian	Bowdoinham	ME
Bousquet-Smith	Dylan	Bowdoinham	ME

Boutin	Hannah	Freeport	ME
Boutin	Monique	York	ME
Bowen	Derek	Lewiston	ME
Bowker	Gabrielle	Fort Fairfield	ME
Bowley	Jenna	Bowdoin	ME
Bowring	Shannon	Ashland	ME
Boyce	Jill	Sanford	ME
Bradford	Alex	Lakeville	ME
Bradson	Julia	Orono	ME
Brady	Christopher	Brewer	ME
Bragdon	Jenna	Howland	ME
Brakey	Allison	Bangor	ME
Breard	Jonathan	Bangor	ME
Breau	Katherine	Freeport	ME
Breault	Hannah	Wilton	ME
Bremm	Timothy	Orono	ME
Breton	Gretel	Greenville	ME
Brewer	Addison	Bangor	ME
Bridges	Meagan	Hermon	ME
Briggs	Allison	Chelsea	ME
Brink	Samantha-Jo	Portland	ME
Brochu	Adam	Fairfield	ME
Brochu	Katie	Arundel	ME
Broderick	Lauren	Lincoln	ME
Brook	Shealeigh	Kennebunkport	ME
Brooker	Amy	Woolwich	ME
Brooker	Courtney	Fort Fairfield	ME
Brooks	Kevin	Alfred	ME
Brophy	Elizabeth	Winthrop	ME
Brousseau	Gregory	Auburn	ME
Brown	Barry	Milford	ME
Brown	Danika	Carmel	ME
Brown	David	Kennebunk	ME
Brown	Erika	Swanville	ME
Brown	Helen	Lamoine	ME

Brown	Joshua	Biddeford	ME
Brown	Kristin	Bangor	ME
Brown	Lance	Bethel	ME
Brown	Meredith	Dixfield	ME
Brown	Michael	Old Town	ME
Brown	Parker	Houlton	ME
Brown	Robert	Mount Vernon	ME
Brown	Samantha	Waterford	ME
Brown	Taylor	Bar Harbor	ME
Brown	William	Topsham	ME
Brunton	Mark	Old Town	ME
Bruton	William	Holden	ME
Bryant	Emily	Milford	ME
Buck	Caleb	Mapleton	ME
Buck	Jacob	Mapleton	ME
Buckland	Abigail	Farmington	ME
Bucklin	Benjamin	Searsport	ME
Bundy	Mariah	Bryant Pond	ME
Buotte	Taylor	Gorham	ME
Burke	John	Veazie	ME
Burke	Kristen	Birch Harbor	ME
Burke	Nathan	Ellsworth	ME
Burne	Courtney	Topsham	ME
Burnham	Carl	Greenbush	ME
Burns	Christopher	Winterport	ME
Burns	Margaret	Berwick	ME
Buscemi	Daniel	Old Town	ME
Bushey	Lisa	Brewer	ME
Busque	Kevin	Millinocket	ME
Bussell	Lucas	Parkman	ME
Bussell	Mallory	Parkman	ME
Bussiere	Joseph	Lewiston	ME
Butler	Ashley	Sangerville	ME
Butler	Michael	Lincolnville	ME

Butler	Myles	Orono	ME
Butler	Renee	Hampden	ME
Buttarazzi	Samantha	Arundel	ME
Butterfield	Justin	Monroe	ME
Byrne	Daniel	Steep Falls	ME
Caddell	Alexander	Winterport	ME
Cahoon	Natalie	Scarborough	ME
Calder	Brittney	Portland	ME
Caldwell	Matthew	Portland	ME
Callaway	Mary	Old Town	ME
Cambron	Hawk	Milford	ME
Cammack	Kimberly	Bucksport	ME
Campagnoli	Raffaela	Rockland	ME
Campbell	Anne	Millinocket	ME
Campbell	Hilary	Milford	ME
Campbell	Jordan	Holden	ME
Campbell	Katherine	Hampden	ME
Campbell	Laura	Saco	ME
Campbell	Matthew	Old Town	ME
Campbell	Ryan	Orono	ME
Campbell	Sundance	Winterport	ME
Capowski	Rebecca	Skowhegan	ME
Capuano	Adriana	Bangor	ME
Capuano	Jack	Bangor	ME
Caret	Shelby	Belgrade	ME
Carfagno	Henry	Sangerville	ME
Carle	Peter	Big Lake Township	ME
Carnahan	Neil	Winslow	ME
Caron	Tanner	Houlton	ME
Carroll	Amber	Lisbon Falls	ME
Carter	Claire	Vinalhaven	ME
Carter	Erin	South Berwick	ME
Carter	Jason	Dedham	ME
Carter	Nicklaus	Franklin	ME
Carter	Rachel	Richmond	ME

Carver	Cassie	Lincoln	ME
Casavant	Brendan	Westbrook	ME
Casey	Daniel	Bridgton	ME
Casey	Shawn	Veazie	ME
Castiglia	Yolanda	Eddington	ME
Cavanaugh	Paul	Calais	ME
Cawley	Christopher	Presque Isle	ME
Cayer	Brigitte	Dover Foxcroft	ME
Celli	Ryan	Brewer	ME
Cerkovitz	Brandon	Orono	ME
Chadwick	Roxanne	Abbot	ME
Chaloult	Jennifer	Hermon	ME
Chamberlain	Whitney	Scarborough	ME
Chamberland	Adam	Auburn	ME
Chandpen	David	Portland	ME
Chaney	Amanda	Searsport	ME
Chapman	Jennifer	Eddington	ME
Chaput	Lynnae	Litchfield	ME
Charrier	Cody	Old Town	ME
Chase	John	Lee	ME
Chase	Rachel	Warren	ME
Chase	Zachary	New Limerick	ME
Chasse	Alexander	Waterville	ME
Chauvette	Alyssa	Westbrook	ME
Chavaree	Catherine	Bangor	ME
Chenevert	Elizabeth	Fairfield	ME
Cheney	Sydney	Falmouth	ME
Chouinard	Travis	Greene	ME
Chu	Connor	Winthrop	ME
Churchill	Julie	Fayette	ME
Cidorowich	Nicole	Cumberland	ME
Cirrinone	Benjamin	Hampden	ME
Clapp	Julia	Belfast	ME
Clark	Bayley	Winslow	ME

Clark	Hannah	Montville	ME
Clark	Jordan	Old Orchard Beach	ME
Clark	Kim	Mexico	ME
Clark	Sarah	Readfield	ME
Clemens	Bradley	Bar Harbor	ME
Clement	Jessi	Levant	ME
Clement	Katy	Berwick	ME
Clifford	Julie	Bangor	ME
Clough	Julia	Auburn	ME
Cloutier	Catharine	Liberty	ME
Cloutier	Nathen	Bowdoin	ME
Coan	Jason	Pittston	ME
Cobb	Casey	Masardis	ME
Cocklin	Stevie	Orrington	ME
Coffin	Chelsea	West Bath	ME
Collett	Blaise	Orono	ME
Collins	Emily	Caribou	ME
Collins	Eric	Readfield	ME
Colman	Christopher	Saco	ME
Coltart	Samantha	Calais	ME
Conley	Thomas	Winthrop	ME
Conner	Benjamin	Steep Falls	ME
Connolly	Elizabeth	Phippsburg	ME
Connolly	Katelyn	South Berwick	ME
Connor	Courtney	Kittery	ME
Conroy	Benjamin	South Portland	ME
Cookson	Brittany	Fairfield	ME
Cookson	Lauryl	Dixmont	ME
Corbin	Amanda	Sabattus	ME
Cormier	Eliza	Rumford	ME
Cormier	Nicole	Gray	ME
Cornish	Jennifer	Limington	ME
Cosgrove	Jeri	Bangor	ME
Cota	Matthew	Gorham	ME
Cote	Julie	Waldoboro	ME

Coulombe	Emily	Augusta	ME
Cousins	Abigail	Sedgwick	ME
Cowan	Brianne	Orrington	ME
Cowan	Horatio	Rockland	ME
Cowan	Rebecca	Orrington	ME
Cox	Benjamin	Topsham	ME
Cox	Derrick	Orono	ME
Cox	Rose	Bangor	ME
Cox	Sean	Bar Harbor	ME
Coyne	Alyssa	Auburn	ME
Cripps	Lauren	Scarborough	ME
Crocker	Amanda	Charleston	ME
Cromwell	Jackson	Westport Island	ME
Cronin	Colby	Orono	ME
Cross	Audrey	Brunswick	ME
Cruz	Karlan	Waterville	ME
Cullen	Jennifer	Lewiston	ME
Cullenberg	E Kelton	Chesterville	ME
Cumming	Joanna	Manchester	ME
Cummings	Sharon	Argyle Twp	ME
Curit	Rachel	Otisfield	ME
Currie	Sierra	South China	ME
Currier	David	Sidney	ME
Currier	Jessica	Brewer	ME
Curry	Briana	Belmont	ME
Curtis	Amanda	Freeport	ME
Curtis	Ashley	Old Town	ME
Curtis	Jesse	Etna	ME
Curtis	Kimberly	Winslow	ME
Cyr	Joshua	Bangor	ME
Cyr	Nathaniel	Millinocket	ME
D'Alfonso	Cara	Falmouth	ME
D'Andrea	Nicole	Gorham	ME
Daigle	Katrina	Glenburn	ME

Daley	Lauren	Orrington	ME
Damon	Alegra	Hampden	ME
Damon	Troy	Brewer	ME
Dana	Cassandra	Indian Twp	ME
Danforth	Katherine	Hampden	ME
Dao	Kimberly	Saco	ME
Dapice	Coralie	Brewer	ME
Dapolito	Angelina	Augusta	ME
Darkis	Jessie	Orono	ME
Davis	Geoffry	Old Town	ME
Davis	Megan	Skowhegan	ME
Davis	Samantha	Hampden	ME
Davis	Samantha	Holden	ME
Day	Katelyn	Dexter	ME
DeFilipp	Dominique	Brewer	ME
DeGroot	Sarah	Biddeford	ME
DeLong	Katelyn	Bangor	ME
DeRaps	Kelsey	Bangor	ME
DeRoche	Katie	Sanford	ME
DeRocher	Nathan	Augusta	ME
DeVaudreuil	Laura	Cumberland	ME
DeWitt	Emily	Houlton	ME
Dean	Chelsea	York	ME
Deegan	Katherine	Kennebunk	ME
Dehetre	April	Sanford	ME
Delcourt	Katie	Stillwater	ME
Delijani	Pardis	Portland	ME
Demmons	Jody	Bangor	ME
Denis	Corey	Waterville	ME
Denison	Benjamin	Auburn	ME
Denner	Melissa	Orono	ME
Deraspe	Christina	Brewer	ME
DesRochers	Lisa	West Minot	ME
Deschesne	Matthew	Brewer	ME
Desjardins	Lucas	Bangor	ME

Desrosier	Joshua	Hebron	ME
Desveaux	Marcus	Wells	ME
Detlefsen	Ashlyn	Norway	ME
Detwiler	Elizabeth	Woolwich	ME
Devoe	Nathaniel	Augusta	ME
Devou	Jessica	Levant	ME
Dewey	Hannah	Southwest Harbor	ME
Dexter	Charles	Strong	ME
Dexter	Gregory	Strong	ME
Dhuy	Allison	East Millinocket	ME
DiTomasso	Ashley	Wells	ME
Diehl	Abigail	Gray	ME
Dietsch	Meghan	South Berwick	ME
Dillon	Kelsey	Scarborough	ME
Dimick	Taylor	Falmouth	ME
Dimoulas	Ariadne	Orono	ME
Dingley	Nickalaus	Lisbon	ME
Dionne	Margaret	Glenburn	ME
Dixon	Daniel	Bangor	ME
Dixon	Jennifer	Bangor	ME
Doe	Allison	Bowdoinham	ME
Doiron	Lance	Shapleigh	ME
Donovan	Laura	Veazie	ME
Dorman	Victoria	Caribou	ME
Dorr	Dustin	Wiscasset	ME
Dostie	Erin	Old Town	ME
Doucette	Allison	Bangor	ME
Doucette	Elise	Hampden	ME
Doughty	Desiree	Brewer	ME
Dove	Deirdre	Brewer	ME
Dove	Scott	Brewer	ME
Dow	Lindsay	Bangor	ME
Dowd	Caitlin	Moody	ME
Downing	Justin	Palmyra	ME

Downing	Kimberly	North Berwick	ME
Doyen	Katherine	Surry	ME
Doyle	Elyse	Gray	ME
Doyle	Leann	Jackman	ME
Doyon	Kristopher	Westbrook	ME
Drost	Lyndsay	Howland	ME
Drotar	Jesse	Lincolnvile	ME
Drouin	Derek	Turner	ME
Drouin	Katie	Mexico	ME
Drown	Jordan	South Portland	ME
Drysdale	Melissa	Eliot	ME
Dubois	Shannon	Bangor	ME
Duffany	Zane	Otisfield	ME
Dufresne-Dixon	Marie	Auburn	ME
Dugal	Erin	Madawaska	ME
Duggan	Jared	Buxton	ME
Dullinger	Michelle	Porter	ME
Dumas	Kristen	Saco	ME
Dumont	Joseph	Oakland	ME
Dunbar	Elizabeth	Southwest Harbor	ME
Dunn	Caroline	Auburn	ME
Dunn	Nathan	Berwick	ME
Dunning	Cory	Orrington	ME
Dunton	Olivia	Dixmont	ME
Dupuis	Brandon	Winthrop	ME
Durant	Diana	Sanford	ME
Durkin	Jason	York	ME
Duval	Stephanie	Biddeford	ME
Duym	Mariel	Trenton	ME
Duym	Olivia	Trenton	ME
Dwyer	Mark	Bangor	ME
Dyer	Anna	Unity	ME
Dyer	Paige	Turner	ME
Dyer	Seth	Bangor	ME
Dyke	Dyana-Marie	Orono	ME

Dziezyk	Stephanie	Southwest Harbor	ME
Eaton	Audra	Stonington	ME
Eden	Sarah	Orono	ME
Eggleston	Paige	Topsham	ME
Eherts	Shane	Limington	ME
Elkins	Anthony	Millinocket	ME
Elliot	Autumn	Bangor	ME
Elliot	Travis	Mount Vernon	ME
Elwell	Caleb	Hartland	ME
Emery	Michael	Augusta	ME
Emhart	Taylor	Vinalhaven	ME
Ericson	Lucy	Yarmouth	ME
Errico	Thomas	Kennebunk	ME
Estell	Eben	Old Town	ME
Estrup	Andrew	Kennebunk	ME
Ettinger	Kyle	Camden	ME
Eyster	Michelle	Sangerville	ME
Fagan	Mary	Camden	ME
Fagone	Michael	Portland	ME
Fair	Megan	Oakland	ME
Fairbanks	Ashleigh	Levant	ME
Faloon	Daniel	Medway	ME
Farley	Ryan	Freeport	ME
Farnsworth	Brian	Topsham	ME
Farrell	Elizabeth	Bangor	ME
Farrell	Kara-Beth	Lincoln	ME
Farrington	Alan	Medway	ME
Farrington	David	Jay	ME
Fatula	John	Bradley	ME
Faulkingham	Casey	Houlton	ME
Faulkingham	Lindsey	Belfast	ME
Feldman	Samuel	Glenburn	ME
Fellows	Ryan	Readfield	ME
Fereshetian	Allison	Turner	ME

Ferguson	Jennifer	Orono	ME
Ferrucci	Ashley	Wiscasset	ME
Fischang	Colby	Oakland	ME
Fisher	Elizabeth	Winslow	ME
Fitzgerald	Allicyn	Bowdoin	ME
Flagg	Raymond	Chapman	ME
Flanagan	Molly	Farmington	ME
Flanders	Lauren	Orono	ME
Flanders	Rebekah	Dover Foxcroft	ME
Fleming	Kara	Bangor	ME
Flora	Matthew	Presque Isle	ME
Flournoy	Dennis	Waterville	ME
Flye	Amanda	Plymouth	ME
Flye	Melissa	Plymouth	ME
Foehrenbach	Frances	Saco	ME
Fogg	Linda	Topsham	ME
Foley	Jayne	Bangor	ME
Folger	Chelsea	South Berwick	ME
Folsom	Scott	Sanford	ME
Foltz	Joseph	Bangor	ME
Ford	Blake	Princeton	ME
Ford	Jameson	Falmouth	ME
Fortier	Michael	Biddeford	ME
Fortier-Brown	Colby	Randolph	ME
Fortier-Brown	Patrick	Randolph	ME
Fortin	Christina	Hampden	ME
Fossa	Danielle	Waterville	ME
Foster	Ethan	Jefferson	ME
Foster	Katie	Hampden	ME
Foster	Matthew	Bangor	ME
Foster	Samuel	Saco	ME
Fournier	Benjamin	Auburn	ME
Fournier	Olivia	Lewiston	ME
Fox	Benjamin	Blue Hill	ME
Fox	Jaylee	Mapleton	ME

Francey	Dana	Bangor	ME
Francey	Taylor	Bangor	ME
Francis	Christopher	Hampden	ME
Frank	Kelsey	Bowdoinham	ME
Fraser	Tania	Brewer	ME
Frazier	Nathan	Hermon	ME
Frechette	Allison	Kingfield	ME
Freeman	Caroline	Presque Isle	ME
Freeman	Maxfield	North Yarmouth	ME
Freeman	Melissa	Winslow	ME
Freshley	Dana	Brunswick	ME
Freund	Adam	Old Town	ME
Frey	John	Topsham	ME
Friant	Emilie	Boothbay Harbor	ME
Fricks	Joseph	Brunswick	ME
Fuller	Morgan	Otis	ME
Furman	Matthew	Waldoboro	ME
Gagne	Kelly	Springvale	ME
Gagnon	Alisha	Scarborough	ME
Gagnon	Jonathan	Glenburn	ME
Gagnon	Nolan	Washburn	ME
Galgano	Elise	Cape Elizabeth	ME
Gallagher	Matthew	Scarborough	ME
Gallant	Cory	York	ME
Gallant	Justin	York	ME
Galle	Brianna	Kittery	ME
Galle	Nathan	Kittery	ME
Gallo	Christina	Old Town	ME
Gamache	Justin	Old Town	ME
Garabedian	Devon	Scarborough	ME
Garcia	Reicelle Ruth	Levant	ME
Gard	Dylan	Houlton	ME
Gary	Taryn	Whitefield	ME
Gauvin	Christopher	Brewer	ME

Gaylord	Charlotte	Auburn	ME
Gaylord	John	Hiram	ME
Geer	Moriah	Orono	ME
Gendreau	Deejay	Madawaska	ME
Georgia	Michelle	Orono	ME
Gerges	Daniel	Portland	ME
Geroux	Lindsey	Milford	ME
Gerrity	Lauren	Manchester	ME
Gibson	Daniel	Fryeburg	ME
Giddings	Christian	Milford	ME
Gildert	Joshua	Wade	ME
Gile	Kelli	Old Town	ME
Gillibrand	Brianna	Cape Neddick	ME
Gilman	Dereck	Westbrook	ME
Gilman	Hannah	Old Town	ME
Girardin	Hailey	Auburn	ME
Glidden	Brooke	Palermo	ME
Glifort	Melissa	Veazie	ME
Glunt	Rebekah	Old Town	ME
Goff	Evans	Hulls Cove	ME
Goggin	Jason	South China	ME
Golden	Nicole	Bangor	ME
Gongal	Dipesh	Orono	ME
Gongal	Prajesh	Orono	ME
Goode	Dorothy	Bangor	ME
Goode	Rachel	Bangor	ME
Goodwin	Kyle	Wells	ME
Gorham	Tanika	Freeport	ME
Gott	Rebecca	Hampden	ME
Gould	Christopher	Hampden	ME
Gould	Whitney	Holden	ME
Goulette	Shawn	Dexter	ME
Gousse	Cindi	Chelsea	ME
Gramse	Stephanie	Falmouth	ME
Grant	Aaron	Bangor	ME

Grant	Jonathan	Parkman	ME
Grant	Nicholas	Berwick	ME
Graves	Heleena	Stow	ME
Graves	Leland	Bangor	ME
Gray	Erin	Bangor	ME
Gray	Ian	Cumberland	ME
Gray	Samantha	North Waterboro	ME
Green	Corben	Fort Fairfield	ME
Greene	Taylor	Glenburn	ME
Greenleaf	Amy	Bradley	ME
Grenier	Ariel	Albion	ME
Gribbin	Joseph	Windham	ME
Grieve	Dylan	Portland	ME
Griffin	Hannah	Veazie	ME
Grillo	Cameron	Freeport	ME
Grillo	Scott	Kennebunk	ME
Grindle	LeeAnn	Bucksport	ME
Grinnell	Lucas	Milo	ME
Gross	Taylor	Exeter	ME
Grover	Ian	Corinna	ME
Grover	Melinda	Newburgh	ME
Guillemette	Stephanie	Sanford	ME
Gurschick	Kalee	Bangor	ME
Gustafson	Christopher	New Sweden	ME
Gutow	Thomas	Castine	ME
Guzman-Ramirez	Silvestre	Levant	ME
Hachey	Justin	Windham	ME
Hackett	Ashten	Auburn	ME
Hackett	Brooke	Bangor	ME
Haddow	Hamish	Portland	ME
Hadley	James	Old Town	ME
Hadley	Justin	Corinth	ME
Hadyniak	Kyle	Freedom	ME
Haggerty	Erin	Orono	ME

Hahn	Alicia	Falmouth	ME
Hall	Ian	Monroe	ME
Hall	Kellsey	Bangor	ME
Hall	Ryan	Jefferson	ME
Hallett	Abigail	Hermon	ME
Hallett	Audrey	Howland	ME
Hallinan	Robert	Boothbay Harbor	ME
Hamel	Blake	Monmouth	ME
Hamilton	Abraham	Whitefield	ME
Hanc	Ryan	Thomaston	ME
Haney	Marissa	Corinth	ME
Hanks	Rebecca	Orrington	ME
Hanna	Joshua	Dixmont	ME
Hanscom	Hannah	Orono	ME
Hanscom	Hilary	Lamoine	ME
Hanselman	Kevin	Holden	ME
Hansen	Danielle	Lincolnville	ME
Hansen	Kaiya	South Portland	ME
Hanson	Simon	Hampden	ME
Hanzl	Emma	Lebanon	ME
Hardison	Mathew	Durham	ME
Hardy	Emily	Hermon	ME
Hardy	Sean	Norway	ME
Harlan	Kathryn	Bucksport	ME
Harnden	Jodi	Wilton	ME
Harriman	Alexandra	Brewer	ME
Harriman	Brandon	Topsfield	ME
Harriman	Eveline	Ellsworth	ME
Harriman	Lorna	Troy	ME
Harriman	Robert	Ellsworth	ME
Harris	Alendra	Auburn	ME
Harris	Celia	Brunswick	ME
Harris	Fawn	Hermon	ME
Harris	Katrina	Ellsworth	ME
Harris	Nikol	Milford	ME

Hartin	Shelby	Crystal	ME
Harvey	Matthew	Fort Kent	ME
Hasch	Bryon	North Monmouth	ME
Hashinsky	Pamela	South China	ME
Hashmi	Hina	Veazie	ME
Haskell	William	Ellsworth	ME
Hatch	Bonnie	Hermon	ME
Hatch	Samuel	Litchfield	ME
Hathaway	Amber	Orono	ME
Hathaway	Katie	Veazie	ME
Hathaway	Spencer	Turner	ME
Hatt	Maryssa	Dedham	ME
Hauser	Alexandra	Topsham	ME
Havey	Erin	Topsham	ME
Hawkes	Courtney	Gorham	ME
Hawkins	Andrew	Patten	ME
Hawley	Jon	Old Town	ME
Hayden	Anna	Brewer	ME
Hayes	Nicole	Brewer	ME
Heald	Lindsay	Litchfield	ME
Heath	Allison	Berwick	ME
Hebert	Sydney	Westbrook	ME
Hedrich	Uriah	Presque Isle	ME
Hein	Katy	Holden	ME
Helderman	Leo	Madison	ME
Helfen	Erin	Brewer	ME
Helmick	Cory	Old Town	ME
Helsor	Logan	Lincoln	ME
Hendershot	Sara	Lewiston	ME
Hernandez	Marcy	Houlton	ME
Herrick	Corey	Lewiston	ME
Herrick	Robert	Topsham	ME
Herrick	Ryan	Bowdoin	ME
Hickey	Chelsea	Cumberland Center	ME

Hickey	Kelsey	Norridgewock	ME
Hickey	Robert	Lee	ME
Higgins	David	Cumberland Center	ME
Higgins	Desiree	Presque Isle	ME
Higgins	Elizabeth	Knox	ME
Higgins	Jamie	Old Town	ME
Hill	Morgan	Turner	ME
Hillman	Kate	Fairfield	ME
Hiltner	Meghan	Scarborough	ME
Hinckley	Gardner	Jefferson	ME
Hinkle	Emily	Kittery	ME
Hinton	Kaitlyn	Calais	ME
Hintz	Chloe	Stillwater	ME
Hodgdon	Emily	Norridgewock	ME
Hoffmann	Thomas	Hampden	ME
Holmes	Patricia	Eliot	ME
Holmes	Rebecca	Old Town	ME
Hooke	Sterling	Salem Township	ME
Hoops	Jenna	Scarborough	ME
Hopkins	Kendal	Blue Hill	ME
Horan	Jessica	Brewer	ME
Horgan	Katrina	Scarborough	ME
Hoster	Hannah	Waldoboro	ME
Hotham	Corey	Mexico	ME
Howard	Matthew	Whitefield	ME
Howard	Nathan	Belfast	ME
Howard	Sarah	South Portland	ME
Howatt	Ethan	Farmington	ME
Howatt	Ryan	Farmington	ME
Howitt	Jennifer	Lyman	ME
Howson	Charlotte	Hampden	ME
Hoyt	Hillary	Frankfort	ME
Hoyt	Margaret	Spruce Head	ME
Hrynck	Tobias	Benedicta	ME
Hudson	Hannah	Columbia Falls	ME

Hudson	Lisa	Stockton Springs	ME
Huff	Kristy	Burnham	ME
Hughes	Amy	Vassalboro	ME
Hughes	Joshua	Glenburn	ME
Hunt	Mary	Bucksport	ME
Hunter	Kristen	Brunswick	ME
Hunter	Michelle	Augusta	ME
Huston	Cameron	Washburn	ME
Hutchins	Lindsey	Wells	ME
Hutchinson	Britni	Jay	ME
Hutchinson	James	Saco	ME
Hutchinson	Thomas	Orono	ME
Huy	Daniel	Biddeford	ME
Hyatt	Krislyn	Topsham	ME
Ilves	Kaidi	Orono	ME
Ingram	Gabrielle	Old Town	ME
Introne	Alexander	Orono	ME
Isherwood	Bayleigh	Portland	ME
Jackson	Courtney	Bradley	ME
Jackson	Megan	Old Town	ME
Jackson	Ryan	Livermore	ME
Jacobson	Shannon	Orono	ME
Jacques	Katelyn	Lewiston	ME
Jamo	Kristina	East Millinocket	ME
Jandreau	Jennifer	Newburgh	ME
Jandreau	Joshua	South China	ME
Jellison	Tanna-Marie	Hampden	ME
Jewett	Keith	Fayette	ME
Johnson	Alexander	Mount Desert	ME
Johnson	Brooke	Norridgewock	ME
Johnson	Cory	Dixmont	ME
Johnson	Gregory	Waterboro	ME
Johnson	Joshua	Bangor	ME
Johnson	Leigh	Yarmouth	ME

Johnson	Marji	Dexter	ME
Johnston	Michael	Scarborough	ME
Jollotta	Kyle	Sanford	ME
Jones	Abigail	Owls Head	ME
Jones	Christopher	Biddeford	ME
Jones	Joshua	Presque Isle	ME
Jones	Katherine	Dover Foxcroft	ME
Jones	Kayla	Freedom	ME
Jones	Nathan	Freeport	ME
Jones	Nicholas	Bristol	ME
Jordan	Eve	Veazie	ME
Jordan	Meghan	Bangor	ME
Jordan	Mira	Portland	ME
Jurdak-Roy	Lucas	Winslow	ME
Kahl	Jessica	Old Town	ME
Kalar	Emily	Old Town	ME
Kandiko	Lindsey	Madison	ME
Kane	Eliza	Deer Isle	ME
Kapise	Matthew	Sanford	ME
Kaplan	Ruth	Bangor	ME
Kashkooli	Kimia	Glenburn	ME
Kaulfers	Michelle	Brewer	ME
Kavin	David	Hampden	ME
Keane	Alison	Brewer	ME
Kearns	Brian	Eddington	ME
Kearns	Madelyn	Orono	ME
Keefe	Alexander	Ellsworth	ME
Keefe	Samuel	Ellsworth	ME
Keefe	Sean	Sanford	ME
Keene	Kylie	Old Town	ME
Keene	Leaha	Gorham	ME
Kelley	Ashley	Hermon	ME
Kelly	Nellie	Boothbay	ME
Kelson	MaryBeth	Turner	ME
Kelson	Melissa	Turner	ME

Kenerson	Samantha	Old Town	ME
Kenerson	Timothy	Levant	ME
Kennedy	Sean	Pemaquid	ME
Kenneway	Charlotte	Old Town	ME
Kenney	Jana	Holden	ME
Kent	Sarah	Eliot	ME
Kent	Thomas	Eliot	ME
Ker	Margaret	Fairfield	ME
Kesel	Aaron	Portland	ME
Kezer	Justin	Orono	ME
Khun	Monica	Springvale	ME
Kidney	John	Bath	ME
Kieffer	Jacob	Saco	ME
Kiely	Jenna	Freeport	ME
Kienstra	Kathleen	West Bath	ME
Kilroy	Keegan	Brewer	ME
Kim	Hayeon	Falmouth	ME
Kimball	Katelyn	Springvale	ME
King	Kristina	Hampden	ME
King	Michaela	West Enfield	ME
King	Ryan	Bangor	ME
Kinney	Lauren	North Yarmouth	ME
Kinney	Morgan	Bowdoin	ME
Kinney	Nathan	Phillips	ME
Kirk	Katelyn	Leeds	ME
Kirouac	Kristin	Augusta	ME
Kittridge	Jamie	North Yarmouth	ME
Knowles	Julia	West Bath	ME
Knowlton	Audrey	Oakland	ME
Knowlton	Jay	Camden	ME
Kolmar	Colin	Saco	ME
Kolmar	Philip	Saco	ME
Komusin	Joshua	South Berwick	ME
Krason	Lawrence	Bar Harbor	ME

Kupferman	Caitlin	Knox	ME
Kurzius	Julia	Dover Foxcroft	ME
Kwiatek	Thomas	Orono	ME
LaBonte	Lauren	Saco	ME
LaBonty	Matthew	Scarborough	ME
LaFlamme	Renee	Lincoln	ME
LaFollette	Maryanne	Old Orchard Beach	ME
LaJoie	Lindsay	Van Buren	ME
LaRose	Tara	Monson	ME
Labanowski	Tamara	Scarborough	ME
Labbe	Rachel	Winthrop	ME
Labonte	Lonnie	Mexico	ME
Labreck	Jesse	Winslow	ME
Laflamme	Stephen	Corinth	ME
Lalonde	Ricardo	Harpswell	ME
Lamb	Ethan	Springvale	ME
Lamb	Jordan	Shapleigh	ME
Lambert	Mary	Pittsfield	ME
Lambert	Paula	Winterport	ME
Lancaster	Brooke	Richmond	ME
Lancaster	Casey	Caribou	ME
Landry	Michelle	Bangor	ME
Lane	Craig	York	ME
Lane	Kelley	Bar Harbor	ME
Lane	Shelbe	Patten	ME
Lange	Stephanie	Brownfield	ME
Lankist	Amanda	Bradley	ME
Lanzikos	Emily	Pittsfield	ME
Larrabee	Jade	North Berwick	ME
Larrabee	Jordan	North Berwick	ME
Laverdiere	Lysa	Lewiston	ME
Laverriere	Danielle	Saco	ME
Laverriere	Nicholas	Biddeford	ME
Lavin	Thomas	Waterville	ME
Lavoie	Emily	Carmel	ME

Lavoie	Samuel	Frenchville	ME
Lawrence	Marion	Orrington	ME
Lawson	Stuart	Wilton	ME
LeBlond	Thomas	Lewiston	ME
LeClair	Tess	North Berwick	ME
Leach	Jennifer	Bangor	ME
Leasure	Nancy	Scarborough	ME
Leatherbee	Adam	Scarborough	ME
Leavitt	Bethany	Newburgh	ME
Lebel	Rebecca	Brooksville	ME
Ledoux	Annie	Gorham	ME
Lee	Alanna	East Waterboro	ME
Lee	Jonathan	Madawaska	ME
Leen	Emily	Bangor	ME
Leger	Joshua	Lewiston	ME
Lemar	Adrien	Waterville	ME
Lenfest	Jarrold	Windsor	ME
Leopold	Elliot	Wilton	ME
Levesque	Brandon	Springvale	ME
Lewis	Darien	Ellsworth	ME
Lewis	Vincent	Caribou	ME
Libby	Stephanie	Portland	ME
Lilieholm	Jennifer	Hampden	ME
Lilly	Loren	Richmond	ME
Lindbom	George	Cape Neddick	ME
Lindemann	Matthew	Hampden	ME
Lindemann	Ryan	Hampden	ME
Lindsey	Dylan	Searsmont	ME
Lindsey	Elizabeth	Mariaville	ME
Lingo	Sarah	Old Town	ME
Linnell	Jason	Bangor	ME
Liriano	Kelvin	Turner	ME
Little	Joshua	Waterford	ME
Littlehale	Stephanie	Rockport	ME

Livingstone	Sarah	Bangor	ME
Lockman	Seth	Saco	ME
Loggans	Danielle	Caribou	ME
Lolar	Tiffany	Bangor	ME
London	William	Carrabassett Valley	ME
Long	Megan	Charleston	ME
Long	William	Portland	ME
Lopes	Bradford	Skowhegan	ME
Lopes	Jessi	Skowhegan	ME
Lopez	Marissa	Dixmont	ME
Low	Christopher	Fairfield	ME
Lozier	Celeste	Westbrook	ME
Luc	Raymond	Bangor	ME
Luc	Richard	Bangor	ME
Lucas	Michael	Auburn	ME
Lucy	Chloe	Bangor	ME
Lucy	Jennifer	Bangor	ME
Ludington	Martha	Calais	ME
Lusk	Ian	Winterport	ME
Luthin	Ethan	Orono	ME
Lyons	Katherine	Ellsworth	ME
Lyons	Sara	Ellsworth	ME
Lyons	Whitney	Medway	ME
Mabie	Anna	Skowhegan	ME
MacBride	Kristen	Hartford	ME
MacDonald	Amanda	Cumberland	ME
MacDonald	Christine	Manchester	ME
MacDonald	Danielle	Caribou	ME
MacDonald	Kendra	Wells	ME
Macomber	Malcolm	Portland	ME
Madeira	Rose	Bernard	ME
Madigan	Elizabeth	Hampden	ME
Mahan	Kayleigh	Milford	ME
Maheu	Renee	Dover Foxcroft	ME
Maiberg	Avner	Sedgwick	ME

Mailhot	Linette	Lewiston	ME
Maines	Ian	Abbot	ME
Maioriello	Amanda	Bangor	ME
Maker	Seth	Machiasport	ME
Malcolm	Bethany	Kenduskeag	ME
Maltezos	Jason	Penobscot	ME
Manahan	Kelly	Cumberland Center	ME
Manion	Bradie	Old Town	ME
Manley	Joseph	Lewiston	ME
Marceau	Natalie	Searsmont	ME
Marcellino	Jenna Mae	Palermo	ME
Marchini	Mary	Monroe	ME
Marcotte	Cameron	Lewiston	ME
Marcoullier	Jonathan	Cape Neddick	ME
Marden	Nicole	Gray	ME
Marley	Hannah	Harpswell	ME
Marsh	Jacob	Hampden	ME
Marsh	Kisha	Skowhegan	ME
Marshall	Brittney	Sabattus	ME
Martin	Abigail	Northport	ME
Martin	Amanda	Standish	ME
Martin	Krystal	South Berwick	ME
Martin	Lydia	Lisbon	ME
Martin	Samuel	Lewiston	ME
Martin	Stephanie	Morrill	ME
Martorano	Joseph	Calais	ME
Massey	Katelyn	Waterville	ME
Masury	John	Kittery Point	ME
Mathers	Lucas	Presque Isle	ME
Mathes	Samuel	Rome	ME
Mathiasson	Minna	Canaan	ME
Maxim	Hilary	Old Town	ME
Maxwell	Victoria	Orono	ME
Mayberry	Tessa	Unity	ME

Mayer	Emily	Winthrop	ME
Mayette	Amanda	Manchester	ME
Mayhew	Amanda	Thorndike	ME
Mayhew	Benjamin	Hiram	ME
Mayhew	Taijae	Waterville	ME
McAuliffe	John	Saco	ME
McCarthy	Clifford	Orono	ME
McCarthy	Dora	Bangor	ME
McCauley	Ashley	Biddeford	ME
McCloskey	Abby	Bangor	ME
McClure	Myra	North Haven	ME
McCluskey	Alyssa	Hope	ME
McCluskey	Kara	Hampden	ME
McCluskey	Morgan	Bangor	ME
McCollough	Margaret	Hampden	ME
McCoy	Kyle	Falmouth	ME
McCrea	Jacob	Orrington	ME
McCue	Joan	Old Town	ME
McCullum	Jonathan	Hallowell	ME
McDaniels	Lucas	Skowhegan	ME
McDougold	Taryn	Hampden	ME
McFarland	Duncan	Ashland	ME
McGee	Matthew	Standish	ME
McGlamery	Owen	Camden	ME
McGlaulin	Rose	Mount Vernon	ME
McGowan	Kenzie	Oakland	ME
McGrath	Joshua	Bowdoin	ME
McGrath	Timothy	Carmel	ME
McGray	Justine	Old Town	ME
McGuire	David	Rockland	ME
McGuire	Molly	Houlton	ME
McHugh	Kelsi	Corinth	ME
McIntyre	Alyssa	Newburgh	ME
McIntyre	Jessica	Burlington	ME
McKague	Cameron	Standish	ME

McKenna	Meghan	York	ME
McKenzie	Rychel	Winterport	ME
McKeon	Shelly	Sanford	ME
McKeown	Kate	Turner	ME
McKinney	Eileen	Auburn	ME
McKoy	Chad	Millinocket	ME
McLaughlin	Andrew	Bradford	ME
McLaughlin	Chelsea	Manchester	ME
McLaughlin	Lily	Greenville	ME
McOscar	Lydia	Bangor	ME
McOscar	Thomas	Bangor	ME
McPartland	Mallory	New Limerick	ME
McPhail	Katherine	Old Town	ME
McPheters	Benjamin	Richmond	ME
Mecray	Ian	Cumberland	ME
Melcher	Gregory	Jay	ME
Merk-Wynne	Taylor	Waterville	ME
Merrithew	Jenifer	Hampden	ME
Merritt	Charles	Clifton	ME
Merritt	Janette	Deer Isle	ME
Merrow	Thomas	Kennebunkport	ME
Meservey	Brittany	Hope	ME
Messerman	Nicole	Brunswick	ME
Messier	Ian	Topsham	ME
Metropoulos	Stephen	Bangor	ME
Michaels	Parker	Veazie	ME
Michaud	Amy	Orono	ME
Michaud	Austin	Hampden	ME
Michaud	Kaitlin	Millinocket	ME
Michaud	Todd	Fort Kent	ME
Middleswart	Casey	Bangor	ME
Migliore	Vincent	Bangor	ME
Mihm	Jerry	Guilford	ME
Mikell	Victoria	Waldoboro	ME

Miles	Paige	Dover Foxcroft	ME
Miliano	Emily	Cornish	ME
Milledge	Jesse	Rumford	ME
Miller	Elizabeth	Kittery	ME
Miller	Jacob	Clinton	ME
Miller	Kera	Rumford	ME
Miller	Megan	Turner	ME
Miller	Nicholas	Pittsfield	ME
Miller	Robert	Portland	ME
Miller	Sean	Winterport	ME
Millett	Alicia	Old Town	ME
Milliken	Sarah	Jonesport	ME
Mills	Katherine	Oakland	ME
Mills	Katie	Millinocket	ME
Mills	Laura	Dennysville	ME
Minigell	Michael	Norway	ME
Minte	Tierney	Yarmouth	ME
Minutolo	Caitlin	Bar Harbor	ME
Minutolo	Serena	Bar Harbor	ME
Mogul	Taylor	Hampden	ME
Molino	Anthony	York Beach	ME
Monahan	Keira	Camden	ME
Monroe	Anne	Orono	ME
Monroe	Sally	Boothbay	ME
Moody	Krysten	Jefferson	ME
Moody	Renee	Lincolntonville	ME
Moody	Roxanne	Chelsea	ME
Mooers	Dane	Glenburn	ME
Mores	Kassandra	Old Town	ME
Morgan	Andrew	Old Town	ME
Morgan	Cody	Exeter	ME
Morgan	Miriam	Old Town	ME
Moriarty	Ellen	North Berwick	ME
Morin	Hillary	Brunswick	ME
Morin	Kelsey	Caribou	ME

Morissette	Jacob	Jackman	ME
Morneault	Gwyndolyn	Millinocket	ME
Morren	Justin	Cutler	ME
Morrill	Jennifer	Holden	ME
Morrison	Emma	South Berwick	ME
Morrison	Kristen	Windham	ME
Morrison	Kyle	North Yarmouth	ME
Morrison	Logan	Bangor	ME
Morrow	Alex	Washburn	ME
Morrow	Alexander	Belfast	ME
Morrow	Danielle	Belfast	ME
Morrow	Jillian	Belfast	ME
Morton	Ashley	Rangeley	ME
Mosher	Alysha	Gardiner	ME
Moulton	Jennifer	Bangor	ME
Moylan	Christopher	Yarmouth	ME
Moylan	Michelle	Yarmouth	ME
Moynihan	Owen	Lincolnville	ME
Mundy	Joel	Portland	ME
Murchison	Cassandra	Bangor	ME
Murnane	Michelle	Searsport	ME
Murphy	Erin	Norway	ME
Murphy	James	Frankfort	ME
Murphy	Katie	Southwest Harbor	ME
Murphy	Mackenzie	Owls Head	ME
Murphy	Patrick	Southwest Harbor	ME
Murray	Angela	Old Town	ME
Murray	Sarah	Bradley	ME
Murtagh	Autumn	Cape Neddick	ME
Muttel	Emily	Topsham	ME
Muzzy	Heather	Portland	ME
Myerowitz	Jordan	Holden	ME
Nadeau	Brandon	Bradley	ME
Nadeau	Evan	Brewer	ME

Nadeau	Ryan	Brewer	ME
Nadeau	Sara	Bangor	ME
Nash	Abigail	Palmyra	ME
Nash	Alex	Palmyra	ME
Nazar	Madeline	Readfield	ME
NeCastro	Maria	Machias	ME
Nealey	Megan	Northport	ME
Nee	Logan	Gorham	ME
Nelson	James	Waterville	ME
Nelson	Libby	Holden	ME
Nelson	Michael	Waterville	ME
Nelson	Ralph	Cumberland	ME
Nelson	Tamara	Norridgewock	ME
Nesbitt	Andrew	Glenburn	ME
Nesin	Bourcard	Chester	ME
Neslusan	Elizabeth	Bucksport	ME
Newman	Zachary	South China	ME
Nichols	Aron	Bangor	ME
Nichols	Zachary	Winthrop	ME
Nicke	Nadine	Glenburn	ME
Nickerson	Jordan	Brewer	ME
Nickerson	Meisha	Stillwater	ME
Nicols	Sarah	Mexico	ME
Noble	Nicholas	Richmond	ME
Nokes	Thomas	Dexter	ME
Nolan	Kyle	Camden	ME
Noonan	Cote	Fairfield	ME
North	Matthew	Bangor	ME
Norton	Cassandra	Kittery	ME
Norton	Pamela	Brewer	ME
Norton	Whitney	Jonesport	ME
Norwood	Henry	Readfield	ME
O'Brien	Bailey	Gorham	ME
O'Brien	Meghan	Portland	ME
O'Brien	Shane	Rockport	ME

O'Brien	Terrence	Lisbon	ME
O'Brion	Molly	South Portland	ME
O'Connor	Lauri	Kingfield	ME
O'Donnell	Gregory	Hampden	ME
Obery	Anne	Topsham	ME
Obery	Jack	Topsham	ME
Obomsawin	Tagwongo	Farmington	ME
Oparowski	Stacia	Eliot	ME
Ortiz	Aaron	Orrington	ME
Osgood	Leigh	Bangor	ME
Ossanna	Elliot	Bar Harbor	ME
Ouellette	Alyssa	Fort Kent	ME
Ouellette	David	Lewiston	ME
Ouellette	Erin	Old Town	ME
Ouellette	Kimberly	Portland	ME
Ouellette	Matthew	Sidney	ME
Ouellette	Robin	Van Buren	ME
Ouimet	Jessica	Caribou	ME
Owens	Samantha	Gorham	ME
Ozog	James	Bangor	ME
Pacheco	Sarah	Winthrop	ME
Pacitto	Alicia	Eddington	ME
Page	Jody	Waldoboro	ME
Paient	Shannon	Sanford	ME
Pappas	James	Bucksport	ME
Paprocki	Kristopher	Pembroke	ME
Paradee	Rebecca	Gardiner	ME
Paradis	Ashley	Bangor	ME
Paradis	Chad	Old Town	ME
Paradis	Samantha	Old Town	ME
Paradis	Samantha	Skowhegan	ME
Paradis	Timothy	South Paris	ME
Paradis-Reynolds	Sylvia	Waterville	ME
Paradise	Mattie	Wells	ME

Parent	Christopher	Winterport	ME
Parent	Jamie	Eagle Lake	ME
Parent	Joachim	Hamlin	ME
Parenteau	Alexander	North Yarmouth	ME
Parenteau	Sarah	Windham	ME
Parker	Kasi	Danforth	ME
Parker	Sarah	Saco	ME
Parker	Valerie	Grand Isle	ME
Parrinello	Frank	South China	ME
Pastore	Alexandra	Scarborough	ME
Patch	Abigale	Cumberland Center	ME
Patrick	Emily	Old Town	ME
Patten	Jalisa	Franklin	ME
Paul	Adam	Farmington	ME
Paul	Kayla	Veazie	ME
Paulette	Ashley	Brunswick	ME
Paylor	Timothy	Old Town	ME
Peard	Kayla	York	ME
Pelkey	Spencer	Millinocket	ME
Pelkie	Nicole	Fryeburg	ME
Pelletier	Addie	Greenville	ME
Pelletier	Amber	Caribou	ME
Pelletier	Cassandra	Madawaska	ME
Pelletier	Jonathon	Old Town	ME
Pelletier	Matthew	Topsham	ME
Pelletier	Nicole	Lewiston	ME
Pendleton	Roxanne	Islesboro	ME
Pendleton	Sara	Belfast	ME
Perkins	Andrew	Kittery	ME
Perkins	Daniel	Wayne	ME
Perschy	Joshua	South Berwick	ME
Peterson	Lara	Holden	ME
Peterson	Nicholas	Orono	ME
Pew	Elek	East Andover	ME
Philbrick	Kelsey	Auburn	ME

Philbrook	Brian	Belfast	ME
Picard	Curtis	Saint Agatha	ME
Piccolo	Matthew	Scarborough	ME
Piche	Brittany	Lincoln	ME
Pickoski	Michelle	Prospect	ME
Pierce	Hayley	Manchester	ME
Pierce	Joseph	Levant	ME
Pierce	Mazie	Parsonsfield	ME
Pierce	Susan	Houlton	ME
Pike	Erin	Saco	ME
Pineau	Robert	Augusta	ME
Pinkham	Alex	Kittery Point	ME
Pirruccello	Laura	Turner	ME
Pittis	Patrick	Bangor	ME
Plaisted	Christopher	Jonesboro	ME
Plaisted	Taylor	Hampden	ME
Plisova	Anna	Portland	ME
Plourde	Natali	Corinth	ME
Poirier	Ashlie	Milo	ME
Poirier	Jake	Buxton	ME
Poirier	Nicole	Hallowell	ME
Poisson	Jonathan	Old Town	ME
Poli	Brandon	Waldoboro	ME
Pomeroy	Sara	Winterport	ME
Pooler	Zachary	Lebanon	ME
Poor	Peter	Andover	ME
Porter	Rachel	Buxton	ME
Porter	Sarah	Presque Isle	ME
Porter	Zachary	Scarborough	ME
Pote	Jason	Gray	ME
Potter	Tammy	Guilford	ME
Pottle	Ryan	Old Town	ME
Potvin	Jaime	Millinocket	ME
Powell	Robert	Unity	ME

Power	Savanna	Norridgewock	ME
Powers	Jordan	Woodland	ME
Powers	Patrick	Searsmont	ME
Preble	Amber	Dixmont	ME
Prentiss	Samuel	Industry	ME
Prescott	Jennifer	South China	ME
Prescott	Morgan	South China	ME
Price	Alexander	Bangor	ME
Price	Ishah	Gorham	ME
Price	Kody	Winslow	ME
Price	Ryan	Kittery Point	ME
Priest	Susan	Orono	ME
Priestley	Alexis	Jonesport	ME
Prince	Jhen-da	Berwick	ME
Protzmann	Christopher	South Berwick	ME
Prusaitis	Andrew	Bangor	ME
Prymowicz	Jeffrey	Hermon	ME
Puiia	Thomas	Rumford	ME
Puleio	Emily	Saco	ME
Pullen	Abigail	Augusta	ME
Pullyard	Katie	Skowhegan	ME
Purnell	Benton	Oakland	ME
Py	Haley	Portland	ME
Pye	Charles	Phippsburg	ME
Quigley	Olivia	Stockton Springs	ME
Quintilliani	Alexis	Fairfield	ME
Racine	Brianne	Milford	ME
Rafalko-Zayir	Alexander	Corinna	ME
Raines	Wesley	York	ME
Ranalli	Alise	Big Lake Township	ME
Ranco	Nicholas	Stratton	ME
Rancourt	Arielle	Bremen	ME
Rand	Carrie	Stillwater	ME
Rankin	Michael	Manchester	ME
Ransom	Jacquelyn	Frenchboro	ME

Ranucci	Takashi	Auburn	ME
Ray	Cameron	Belgrade	ME
Read	Katherine	Auburn	ME
Rechholtz	Alisha	Bar Harbor	ME
Reed	Brittany	Berwick	ME
Reed	Caroline	Vassalboro	ME
Reese	Kaylie	Hampden	ME
Reeves	Lauren	Lovell	ME
Reeves	Victoria	Glenburn	ME
Reichenbach	Richard	Industry	ME
Remley	Lauren	Winthrop	ME
Reny	Alison	Yarmouth	ME
Rice	Carol	Dedham	ME
Richard	Elizabeth	Gorham	ME
Richards	Addie	Bangor	ME
Richards	Amanda	Strong	ME
Richards	Lindsay	Skowhegan	ME
Richards	Lucas	Cape Elizabeth	ME
Richardson	Haley	Eastport	ME
Richardson	Jasmine	Newburgh	ME
Richford	Emma	Springfield	ME
Richie	Joshua	Bangor	ME
Richwalder	Matthew	Farmingdale	ME
Rideout	Jerod	Dover Foxcroft	ME
Riegelman	Tania	Milford	ME
Riemersma	Joel	Orono	ME
Rier	Conrad	Jay	ME
Riffel	Bridget	Bradford	ME
Riley	Jessica	Troy	ME
Ripley	Victoria	East Boothbay	ME
Rivard	Megan	Orono	ME
Rivers	Kristy	Old Town	ME
Roach	Julie	Old Town	ME
Robbins	Courtney	Enfield	ME

Robbins	Timothy	Scarborough	ME
Roberts	Peter	Wilton	ME
Robinson	Andrew	Portland	ME
Robinson	Cassandra	Gray	ME
Robinson	John	Orono	ME
Robinson	Thomas	Portland	ME
Robson	Emily	Hampden	ME
Rodrigue	Nicole	Waterville	ME
Rogers	Timothy	Kittery	ME
Rollins	Garrett	Millinocket	ME
Romatowski	Ashley	Phippsburg	ME
Rosado	Heidi	North Vassalboro	ME
Ross	Christina	Cape Elizabeth	ME
Rosser	Caleb	Orono	ME
Rounds	Alan	Hollis Center	ME
Rowell	Hannah	South Portland	ME
Roy	Billy	Frenchville	ME
Roy	Daniel	Bangor	ME
Roy	Tamara	Lewiston	ME
Roy	Victoria	Hampden	ME
Royal	Peter	Ellsworth	ME
Rublee	Marissa	Glenburn	ME
Rucci	Mark	Millinocket	ME
Ruhl	Hannah	Lincoln	ME
Rumler	Lucas	Orono	ME
Rush	Kali	Benedicta	ME
Russell	Richie	Milo	ME
Russell	Thomas	South Berwick	ME
Rutherford	Alexander	West Enfield	ME
Rutt	Jacob	Scarborough	ME
Ryan	Patrick	Yarmouth	ME
Rybka	Ryan	North Yarmouth	ME
Ryle	Aoife	Portland	ME
Sacco	Helaina	Hampden	ME
Sadick	Kyle	Springvale	ME

Sage	Patrick	Falmouth	ME
Sails	Jesse	Orono	ME
Salamone	Christina	Falmouth	ME
Salvail	Whitney	Brunswick	ME
Samuels	Kimberly	Sanford	ME
Sanford	Jeffrey	Holden	ME
Santerre	Aaron	Bangor	ME
Sarol	Amanda	Greenville	ME
Sawin	Jesse	Lovell	ME
Sawyer	Anna	Ellsworth	ME
Sawyer	Samantha	Lewiston	ME
Sawyer	William	Saco	ME
Sbayi	Abdulraheem	Lincoln	ME
Scaccia	Matthew	Kittery	ME
Scala	Rachel	Windham	ME
Scardina	Jesse	Kittery	ME
Schaeffer	Daniel	Winterport	ME
Schaff	Courtney	Oakland	ME
Schanck	Emily	Pittsfield	ME
Schinck	Dalton	Hampden	ME
Schneider	Benjamin	Presque Isle	ME
Schneider	Connor	Bowdoinham	ME
Schneider	Kathryn	Presque Isle	ME
Schreiber	Kortnee-Ann	Hermon	ME
Schriefer	Hannah	York	ME
Schwartz	Angela	New Gloucester	ME
Scofield	Sarah	Howland	ME
Scott	Adam	Presque Isle	ME
Scott	Allison	Cumberland	ME
Scott	Charles	Dover Foxcroft	ME
Scott	Lana	West Gardiner	ME
Scott	Whitney	Freeport	ME
Scoville	Megan	Old Town	ME
Scribellito	Rachel	Dresden	ME

Scrutchfield	Zachary	Portland	ME
SeeHusen	Michael	Gorham	ME
Seekins	Sean	Glenburn	ME
Seeley	Taylor	Jonesboro	ME
Segee	Molly	Old Town	ME
Seitel	Abbey	Old Town	ME
Sell	Julia	Cushing	ME
Serpico	Jared	Auburn	ME
Sevigney	Katherine	Wells	ME
Seymour	Carla	Detroit	ME
Seymour	Kristyn	Randolph	ME
Shank	Elijah	South Portland	ME
Shardlow	Brittany	Jay	ME
Shaw	Bree-Anne	Glenburn	ME
Shaw	Lucretia	Kenduskeag	ME
Shaw	Nicholas	Presque Isle	ME
Shea	Reilly	Brownfield	ME
Shepard	Alexander	Rockport	ME
Shepherd	Devin	Farmingdale	ME
Shepherd	Michael	Hallowell	ME
Sherman	Hunter	Winthrop	ME
Sherman	Kendra	Springvale	ME
Sherman	Travis	Winthrop	ME
Shina	Renee	Old Town	ME
Shirley	Kristen	Bath	ME
Shortsleeve	Tyler	Standish	ME
Shortt	Caleb	Amherst	ME
Shrader	Ellen	Lewiston	ME
Sibley	Sean	Lincoln	ME
Sienkiewicz	Aaron	Vassalboro	ME
Simmons	Lucas	Holden	ME
Sinclair	Braden	Brewer	ME
Sinclair	Joanna	Brewer	ME
Singer	Amy	Old Town	ME
Sipe	Daniel	Presque Isle	ME

Sirois	Bryant	Caribou	ME
Sirois	Shaina	Falmouth	ME
Sisk	Hilary	Hope	ME
Skinsacos	Dimitri	Portland	ME
Slack	Samantha	Waldo	ME
Slagger	Ashara	Kenduskeag	ME
Slocum	Benjamin	Castine	ME
Slotnick	Katelyn	Brunswick	ME
Smith	Carlena	York	ME
Smith	Cody	Dover-Foxcroft	ME
Smith	Corbett	Lyman	ME
Smith	Emily	Surry	ME
Smith	Gregory	Yarmouth	ME
Smith	Kaitlin	Sangerville	ME
Smith	Kalyna	Manchester	ME
Smith	Kathryn	Gorham	ME
Smith	Shane	Coopers Mills	ME
Smith	Taylor	Hallowell	ME
Smith	Valerie	Brunswick	ME
Snape	Erin	Enfield	ME
Snapp	Kelsey	Castine	ME
Snow	Hannah	Orono	ME
Snowe	Alexandra	Auburn	ME
Snyder	Clint	Old Town	ME
Soltys	Dean	Brewer	ME
Souder	Kelly	Winterport	ME
Sousa	Alicia	Brooks	ME
Sovis	Martin	Orrington	ME
Sparta	Allison	Falmouth	ME
Spatafora	Benjamin	Portland	ME
Spaulding	Jeffry	Orono	ME
Spies	Kate	Topsham	ME
Sprague	Hannah	Brunswick	ME
Sprague	Lowansa	Bangor	ME

Sprowl	Eric	West Gardiner	ME
Spruce	James	Orono	ME
St John	Justin	Harrison	ME
St Michel	Katie	Old Town	ME
St Peter	Jacob	Old Town	ME
St Peter	Philip	Caribou	ME
St Peter	William	Orono	ME
Stack	Lindsay	Saco	ME
Stairs	Robert	Orono	ME
Stanhope	Holly	Princeton	ME
Stanley	Iris	Walpole	ME
Stanley	Mary Elizabeth	Southwest Harbor	ME
Staples	Kyle	Caribou	ME
Starks	Megan	Lewiston	ME
Starr	Christina	Topsham	ME
Steltzer	Christina	Sanford	ME
Stephens	Corey	Bangor	ME
Stephens	Jesse	Woodland	ME
Stephens	Tyler	Saco	ME
Stevens	Amelia	Fort Kent	ME
Stevens	Emily	Stetson	ME
Stevens	Jessica	Whitefield	ME
Stevens	Kristen	East Waterboro	ME
Stevens	Matthew	Fairfield	ME
Stevens	Shaunda	Bangor	ME
Stevenson	Hope	Waldoboro	ME
Stevenson	Megan	Raymond	ME
Stewart	India	Verona Island	ME
Stewart	Kimberly	Orono	ME
Stewart	Meaghan	Sanford	ME
Stewlow	Allison	Sebago	ME
Stickney	Morgan	Gorham	ME
Stoliker	Brent	Madawaska	ME
Stoudt	Jennifer	Gorham	ME
Strand	Peter	Yarmouth	ME

Stratton	Mallory	Milford	ME
Strauch	Kurt	Lamoine	ME
Straw	Katelyn	Berwick	ME
Strickland	Benjamin	Kennebunkport	ME
Strout	Clacy	Bangor	ME
Strubell	Emma	South Portland	ME
Stuart	Collin	Sanford	ME
Stubbs	Josh	Caribou	ME
Sturgis-Bright	Helen	York	ME
Suitter	Ashley	Hodgdon	ME
Sukeforth	Sarah	Falmouth	ME
Sulinski	Ella	Old Town	ME
Sullivan	Craig	Durham	ME
Sullivan	Ryan	New Gloucester	ME
Suomi-Roberts	Marie	Waldo	ME
Sutherland	Sara	Garland	ME
Sylvain	Kirsten	Portland	ME
Szotkowski	Abigail	Monmouth	ME
Tacka	Tess	Portland	ME
Taheny	Kara	Glenburn	ME
Talbot	Jessica	Pittsfield	ME
Tarbox	Lynn	Cape Elizabeth	ME
Tasker	Brittany	Bangor	ME
Tata	Lauren	Pittsfield	ME
Taylor	Jackson	Gorham	ME
Taylor	Jeffrey	Hermon	ME
Taylor	Rebecca	Orono	ME
Taylor	Samantha	Union	ME
Tetu	Olivia	Brunswick	ME
Thayer	Erika	Hermon	ME
Thibeault	Kelly	Scarborough	ME
Thibodeau	Caroline	Presque Isle	ME
Thibodeau	Kristen	Milford	ME
Thomas	Derek	Houlton	ME

Thomas	Erin	Westfield	ME
Thomas	Faith	Old Town	ME
Thomas	Jocelyn	Bucksport	ME
Thompson	Mikala	Medway	ME
Thompson	Molly	Howland	ME
Thompson	Neil	Old Town	ME
Thurlow	Amanda	Burlington	ME
Thurlow	Ashlee	Lincoln	ME
Thurlow	McKenzie	Lincoln	ME
Tibbetts	Clyde	Litchfield	ME
Tibbetts	Dylan	Bar Harbor	ME
Tijssen	Chantal-Marie	Gorham	ME
Timberlake	Kristyn	Jay	ME
Tinker	Janelle	Lubec	ME
Tolbert	Andrea	Bangor	ME
Tompkins	Mykayla	Old Town	ME
Toner	Brian	Orono	ME
Toner	Samantha	Houlton	ME
Tooker	Amy	Ellsworth	ME
Torres	Rachael	Houlton	ME
Toth	Brittany	Wells	ME
Tourigny	Sarah	York	ME
Tourtillotte	Lauren	Eddington	ME
Tourville	Tylor	Manchester	ME
Towle	Shannon	Orono	ME
Tracy	Katelyn	Franklin	ME
Tracy	Kevin	Warren	ME
Tragert	Amy	Naples	ME
Tranchemontagne	Zachary	Sanford	ME
Trasko	Jordan	Bucksport	ME
Travis	Alyssa	Palermo	ME
Treadwell	Setha	Madison	ME
Tremblay	Ethan	Mariaville	ME
Tremblay	Kimberly	Turner	ME
Tricarico	Glen	Winthrop	ME

Trombley	Joshua	North Berwick	ME
Trombley	Matthew	Woodland	ME
Tucker	Megan	Bangor	ME
Tull	Elizabeth	Eddington	ME
Turner	Troy	Old Town	ME
Tuttle	Susan	Cape Elizabeth	ME
Twitchell	Emmaline	Kingfield	ME
Twitchell	Joshua	Norway	ME
Twomey	Ariel	Greenbush	ME
Tynes	Emily	New Gloucester	ME
Vachon	Gabriel	Ellsworth	ME
Vail	Colin	Norway	ME
Vail	Hannah	Waldoboro	ME
Vaillancourt	Kelly	Carmel	ME
Vaillancourt	Matthew	South Berwick	ME
Vaillancourt	Patrick	Van Buren	ME
Valente	Alicia	New Gloucester	ME
Vallee	Alyssa	Augusta	ME
Vallee	Jennifer	Turner	ME
Van Twistern	Richard	Winthrop	ME
Van der Eb	Marina	Brooksville	ME
VanGorder	Bethany	West Tremont	ME
Vandegrift	Eva	Steuben	ME
Varney	Margaret	Turner	ME
Varney	Warren	Turner	ME
Varnum	Meghann	Presque Isle	ME
Vear	Keanna	Winslow	ME
Veilleux	Jasmine	Hermon	ME
Veilleux	Sophie	Montville	ME
Veilleux	Zachary	Fairfield	ME
Velez	Alejandro	Old Town	ME
Ventucci	Justina	Bangor	ME
Ventura	Sierra	Orono	ME
Verney	Johanna	Alna	ME

Verrill	Hannah	Orono	ME
Verrill	Hannah	Orono	ME
Verville	Patrick	Portland	ME
Vetter	Andrew	Patten	ME
Vietze	Michael	New Gloucester	ME
Viola	Joseph	Scarborough	ME
Violette	Trevor	Medway	ME
Wadsworth	Ariana	Thomaston	ME
Wagner	Chelsea	Orono	ME
Wakeling	Amanda	Glenburn	ME
Waldman	Aaron	York	ME
Walker	Kari	Carmel	ME
Walker	Maura	West Bath	ME
Walker	Michael	South Paris	ME
Wallace	Alexander	Bangor	ME
Wallace	Leslie	Waldoboro	ME
Walton	Emily	Seal Harbor	ME
Ward	Jacob	Hampden	ME
Warmuth	Spencer	Brewer	ME
Warr	Gareth	Stonington	ME
Warren	Jessica	Bangor	ME
Washburn	Christopher	Kennebunk	ME
Waterman	Nicholas	Waldoboro	ME
Watson	Matthew	Hermon	ME
Watson	Thomas	Brunswick	ME
Weed	Casey	Gorham	ME
Weeks	Saige	Greenville Junction	ME
Wegner	Seth	Wilton	ME
Weismeyer	Travis	Kittery	ME
Werner	Anna	Bangor	ME
West	Alden	Liberty	ME
Westman	Shelby	Berwick	ME
Weymouth	Erika	Enfield	ME
Whalen	Brittany	Machias	ME
Whelden	Erin	Orono	ME

White	Carla	Waldoboro	ME
White	Garrett	Greene	ME
White	Heather	Litchfield	ME
White	Matthew	Jefferson	ME
White	Meghan	Orono	ME
White	Molly	Brookton	ME
Whitney	Joel	Bangor	ME
Whitten	Katie	Orono	ME
Whittier	Jeffrey	Camden	ME
Whynot	Dory	Durham	ME
Wilkinson	Jeremy	Ellsworth	ME
Wilkinson	Rachel	South Portland	ME
Willey	Nicholas	Caribou	ME
Williams	Darci	Hampden	ME
Williams	Sarah	Richmond	ME
Wilson	Andrew	Sidney	ME
Wilson	Emma	Greenville	ME
Wilson	Kimberly	Hampden	ME
Wilson	Thomas	Springvale	ME
Wing	Christina	Augusta	ME
Wingfield	Dylan	Brewer	ME
Winningham	Drew	Hermon	ME
Winstead	Sean	Lisbon Falls	ME
Winters	James	Orono	ME
Witherill	Jackson	Readfield	ME
Witick	Anne	Abbot	ME
Wolfe	Kristin	Rockport	ME
Wong	Linda	Gorham	ME
Wood	Andrew	Greenbush	ME
Wood	Jennifer	Scarborough	ME
Wood	Samantha	Wells	ME
Woodcock	Eliza	Bangor	ME
Woodhead	Elysa	Bangor	ME
Woodruff	Hannah	Baileyville	ME

Woods	Jessica	Farmingdale	ME	Canada
Worster	Loyann	Bangor	ME	
Wright	Ian	North Berwick	ME	
Wyman	Benjamin	Hampden	ME	
Young	Alec	Cushing	ME	
Young	Andrew	Poland	ME	
Young	Meaghan	Bar Harbor	ME	
Yum	Gregory	Buxton	ME	
Zabierek	James	Sherman	ME	
Zadakis	Kara	Greenwood	ME	
Zebiak	Richard	Fairfield	ME	
Zito	Nandrea	Searsport	ME	
Zubrick	Warren	Presque Isle	ME	
deNatale	Terri	Pittsfield	ME	
Reynolds	Elizabeth	Ann Arbor	MI	
Donohue	Kevin	Rochester	MN	
Hunt	Katelyn	Medina	MN	
Collier	Adam	Hattiesburg	MS	
Keane	Hannah	Missoula	MT	
Albert	Denise	SPRINGFIELD YORK CO	NB	
Affleck	Damien	Enfield	NH	
Antonico	Emily	Manchester	NH	
Armfield	Lauren	Hollis	NH	
Barnes	Emily	Weare	NH	
Beard	Emily	Francestown	NH	
Birdsall	Corey	Londonderry	NH	
Caputo	Nina	Canaan	NH	
Church	Patrick	Lancaster	NH	
Coyle	Ciaran	Lebanon	NH	
Cronin	Nora	Madison	NH	
Currier	Candice	Goffstown	NH	
Daniszewski	Nichole	Hooksett	NH	
Darisse	Olivia	Canaan	NH	
Dickson	Andrew	Merrimack	NH	
Duca	Kyle	Alton Bay	NH	

Fox	Emily	Temple	NH
Gagne	Jordan	Goffstown	NH
Garfield	Jared	Windham	NH
George	Daryl	Weare	NH
Guerino	Delaney	Durham	NH
Hatfield	Jordann	Jefferson	NH
Henderson	Rachel	Hillsborough	NH
Houle	Danielle	Manchester	NH
Kane	Hilary	Concord	NH
Ledoux	Haylea	Merrimack	NH
Levesque	Janelle	Newmarket	NH
MacDonald	Jennifer	Surry	NH
Makela	Amber	Lyndeborough	NH
McCanna	Meera	Hampstead	NH
McMullen	Timothy	Hudson	NH
Palen	James	Brentwood	NH
Pugliano	Carolyn	Nashua	NH
Rhan	Samantha	Londonderry	NH
Roy	Briana	Holderness	NH
Simard	Adam	Shelburne	NH
Skeffington-Ward	Jess	Barrington	NH
Smith	Dana	Colebrook	NH
Smith	Tessa	Barrington	NH
Travaglini	Cassandra	Pelham	NH
Walczak	Danielle	Lee	NH
Ward	Kyle	Windham	NH
Wheeler	Samantha	Derry	NH
Amico	David	New Egypt	NJ
Angus	Michael	Eatontown	NJ
Day	Jacob	Stanhope	NJ
Doyle	Katherine	Madison	NJ
Jargowsky	Matthew	Sea Isle City	NJ
Radosti	Brett	Verona	NJ
Ray	Kathryn	Long Valley	NJ

Scully	Peter	Branchburg	NJ	
Shemansky	Adam	Robbinsville	NJ	
Smith	Adam	Long Branch	NJ	
Smith	Warren	Forked River	NJ	
Spera	Krista	Manville	NJ	
Tinkler	Chloe	WABUSH	NL	Canada
Gallagher	Paige	BEDFORD	NS	Canada
MacIsaac	Kaitlyn	BEDFORD	NS	Canada
Malone	Maggie	HALIFAX	NS	Canada
Innes	Gregory	Sydney	NSW	Australia
Bailey	Amanda	Selkirk	NY	
Brown	Shannon	Lake Peekskill	NY	
Garcia	Rafael	Brewster	NY	
Keller	Sarah	Mount Sinai	NY	
Landl	Victoria	Spencerport	NY	
Leen	Connor	Chester	NY	
O'Brien	Jillian	Buffalo	NY	
Otto	William	Farmingville	NY	
Plumley	Jamie	La Fayette	NY	
Shaver	Sarah	Penn Yan	NY	
Solar	Erin	West Nyack	NY	
Vitale	Alyssa	Latham	NY	
Bowser	Torey	Austinburg	OH	
Hall	Bradford	Newtown	OH	
Bijman	Lisa	BRANTFORD	ON	Canada
Bradica	Meaghan	STONEY CREEK	ON	Canada
Linden	Carmen	OTTAWA	ON	Canada
Mitchell	Jocelyn	KANATA	ON	Canada
Achey	Arron	Newmanstown	PA	
Fish	Amy	Mountville	PA	
Garrity	Carolyn	Trumbauersville	PA	
Gilbert	Christine	Furlong	PA	
Hadden Wyper	William	Philadelphia	PA	
Lawrence	Dale	Hershey	PA	
Rogers	Andrew	Philadelphia	PA	

Sullivan	Daniel	York	PA	
Swavely	Jonathan	Reading	PA	
Tengeres	Jill	Millerstown	PA	
Tomes	Andrew	Camp Hill	PA	
Antonelli	Pietro	BLAINVILLE	QC	Canada
Frenette Blais	Stephanie	SAINT-AUGUSTIN-DE-DESMAURES	QC	Canada
Nellis	Carolyne	SAINT-NICOLAS	QC	Canada
Tam	Kaylin	SAINT-LAZARE	QC	Canada
Adams	Wilson	Barrington	RI	
Andreozzi	Samantha	Rockville	RI	
Christian	Emma	Wakefield	RI	
Kissinger	Christine	West Greenwich	RI	
Loiacono	Adam	Cranston	RI	
Marks	Jeffrey	Lincoln	RI	
Revello	Katherine	Portsmouth	RI	
Riley	Kaitlin	Westerly	RI	
Rugini	Marcelo	Mulitceno	RS	Brazil
Chang	Lydia	Petaling Jaya	SL	Malaysia
Rios	Jacqueline	Dallas	TX	
Streker	Amber	Lorton	VA	
Berry	Nicholas	Arlington	VT	
Callahan	Gavin	Windsor	VT	
Carrier	Tyler	Barre	VT	
Clark	Lindsey	Middlebury	VT	
Franklin	Kyle	Guilford	VT	
Gates	Brendan	Franklin	VT	
Giroux	Marissa	Richmond	VT	
Grime	Katy	Brownington	VT	
Gross	Jordan	Fairfax	VT	
Hilton	Margaret	Lyndonville	VT	
Nelson	Megan	Richmond	VT	
O'Leary	Michael	Norwich	VT	
Ross Becker	Alena	Montpelier	VT	
Severy	Nathaniel	Middlebury	VT	

Sheltra	Matthew	Hyde Park	VT
Westebbe	Jennifer	Center Rutland	VT
Young	Ryan	Swanton	VT
Moag	Destin	Bothell	WA
Rosebeary	Kelsey	Poulsbo	WA
Jensen	Alexander	Granton	WI
LeDoux	Heather	Wauwatosa	WI
Sundstedt	Anna	Middleton	WI
Joseph	Kevin	Wheeling	WV

Economist Available for State Retail Sales Analysis

27 Feb 2012

New data on taxable sales from 2010 to 2011 released by the Maine Bureau of Revenue Services shows a very slow and steady increase in sales activity, a sign that consumers remain cautious, according to University of Maine Cooperative Extension specialist and professor of economics. McConnon is available to discuss the sales figures and additional implications. To reach Professor McConnon, contact George Manlove at (207) 581-3756. Total taxable sales rose from \$16.4 billion in 2010 by 3.6 percent, to \$17 billion in 2011, with building supplies and automotive and transportation categories leading the market with a 6.4 percent increase and a 5.2 percent increase, respectively. Because of much lower spending increases in other categories, including food, general merchandise, restaurant and lodging business spending and others, the overall taxable sales figures show a 3.6 percent increase. “We’re just growing very slowly,” says McConnon. “If you take into consideration inflation at 3.2 percent, overall sales growth was relatively flat.” McConnon notes, also, that fourth-quarter taxable sales – which reflects holiday shopping -- carried the year in sales gains. A comparison of fourth-quarter sales of building supplies for 2010 and 2011 reflected a 14.1 percent increase, from \$522.3 million to \$596 million. Auto and transportation, which does not include fuel purchases, rose 7.6 percent in the fourth-quarter comparison, from \$786.5 million in 2010 to \$846 million in 2011. A comparison of all taxable sales in the fourth quarters of 2010 and 2011 shows a 4.9-percent jump, from \$4.3 billion to \$4.7 billion. “The retail sector is a very important sector of Maine’s economy,” McConnon says, “and we often times look at it as an indicator of consumer spending. The overall finding is that spending increased in 2011, but very little.” McConnon also observes that big box and department store sales declined by .4 percent while specialty stores (jewelry, sporting goods and mom and pop stores) were up 3.4 percent over the year-long analysis. Taxable sales, though creeping up, still do not equal Maine’s sales levels in 2007 the year the recession started, according to McConnon, who notes that the increase in taxable retail spending in Maine recently correlates with rising consumer confidence in the stock market. Contact: George Manlove, (207) 581-3756

New Media Program in National Competition

28 Feb 2012

The [Maine Edge newspaper](#) reported on the advancement of the University of Maine’s new Innovative Communication Design program as a finalist in the fourth Digital Media and Learning Competition, a national event to help mobilize emerging leaders, educators and innovators to create technologies that might change how we learn, play and interact, according to the article. The UMaine ICD graduate certificate program led by New Media faculty members John Bell and Rick Corey establishes skill-level “badges” for students who complete ICD classes that range from social networking to advanced video production. Bell and Corey are in San Francisco this week to present the program to judges and are competing for the top prize of up to \$200,000 for program development. Contact: George Manlove, (207) 581-3756

Summer Camp Featured in Radio Report

28 Feb 2012

The upcoming summer camp fair hosted by UMaine was mentioned in a report Tuesday morning on radio station I-95 (95.7 FM) Cumulus Broadcasting Inc. Jesse Moriarity of UMaine's Foster Center for Student Innovation was interviewed about the fair and said summer is the perfect time for kids to try something new. The fair will be held 4 p.m.-7 p.m. Wednesday, March 7 at UMaine's New Balance Student Recreation Center. Contact: Jessica Bloch, (207) 581-3777

Art Faculty Member Noted in Exhibit Preview

28 Feb 2012

Kerstin Engman, a member of the UMaine art faculty, was mentioned in a story on the [Village Soup website](#) about an exhibition opening Friday at River Arts in Damariscotta. Engman is serving as the juror for the exhibit, which is called "Playing Around" and includes around 20 artists. Contact: Jessica Bloch, (207) 581-3777

Murphy Column on Fixing the Postal Service

28 Feb 2012

In an [opinion column](#) in the Bangor Daily News, William Murphy, the director of UMaine's Bureau of Labor Education writes about how the U.S. Postal Service could not only be saved but also revitalized. Murphy states President Obama and Congress need to examine the USPS's financial problems, including a law that requires the USPS to prefund future retiree health benefits at a rate of \$5.5 billion annually over a 10-year period. Contact: Jessica Bloch, (207) 581-3777

Segal, Fried Appear on Radio Show

29 Feb 2012

UMaine historian Howard Segal and political scientist Amy Fried both appeared Wednesday morning on WZON radio's [Pulse Morning Show](#). Segal discussed GOP Presidential candidate Rick Santorum's recent remarks about a 1960 speech by President John F. Kennedy discussing the importance of the separation of church and state. Fried was interviewed about the news that U.S. Sen. Olympia Snowe, a UMaine graduate, is retiring from the Senate, and what that means for the current Senate race.

Contact: Jessica Bloch, (207) 581-3777

Report on Basketball Player's Honor

01 Mar 2012

Bangor TV station WABI reported that Justin Edwards, a freshman on the UMaine men's basketball team, was named Wednesday the College Sports Madness America East Rookie of the Year. Edwards was the top-scoring freshman in the conference this year. Contact: Jessica Bloch, (207) 581-3777

New York Times, ABC News, Others Interview Brewer, Fried

01 Mar 2012

Comments from UMaine political scientist Mark Brewer were included in a [New York Times story](#) about Maine's political climate in the wake of U.S. Sen. Olympia Snowe's resignation announcement earlier this week. Brewer said rumors about who might run in the race to elect Snowe's replacement are coming fast. Brewer told [ABC News](#) Snowe

could be a candidate for Americans Elect, a third-party group trying to change the presidential process by letting Americans vote online to nominate a presidential candidate, rather than playing through the Democratic and Republican parties' primaries and caucuses. Brewer and fellow UMaine faculty member Amy Fried were also interviewed for a story by the Agence France-Presse (AFP) wire service, which ran on the website of Sin Chew Daily, a leading Chinese-language newspaper in Malaysia. Fried told AFP Snowe is a kind of monument in Maine politics. Contact: Jessica Bloch, (207) 581-3777

UMaine Hosting 1,500 School Students for Engineering Expo March 3

02 Mar 2012

The Maine Engineers Week Expo will be held Saturday, March 3 at the University of Maine Field House, an annual event that attracts more than 1,500 Maine schoolchildren and adults who'll see and touch some of the innovative contributions that Maine Engineers make to improve life. The Expo, organized by the Maine Engineering Promotional Council, is held to encourage Maine youth to pursue engineering careers and add to a diverse and robust future workforce. As many as 50 of Maine's top engineering firms, schools, educators, government agencies, industries and others will offer hands-on activities and exhibits from 9 a.m. to 2 p.m. The Expo is free and open to the public. Exhibits will include a working wind tunnel designed and built by Freeport High School students that generates wind of 150 miles per hour, a Bath Iron Works 100-gallon ship modeling tank, robots of all types -- including a UMaine Black Bear Robotics Club launcher that will fire free Expo T-shirts into the air -- in addition to research projects from the UMaine College of Engineering and Maine Maritime Academy. Contact: Victoria Blanchette, (207) 581-2204 / (207) 944-2695 (cell) or George Manlove, (207) 581-3756

Brewer Comments in AP Story on Snowe

02 Mar 2012

UMaine political science faculty member Mark Brewer was quoted in an [Associated Press story](#) about retiring U.S. Sen. Olympia Snowe of Maine that appeared on the website Real Clear Politics. Brewer said Snowe has been at the center of many big policy debates in Washington. The Bangor Daily News also [interviewed](#) Brewer about who might run in Snowe's place. Contact: Jessica Bloch, (207) 581-3777

Columnist Features Harvest for Hunger

02 Mar 2012

A [Bangor Daily News column](#) written by a former UMaine associate dean and associate professor of journalism Kathryn Olmstead featured Harvest for Hunger, a University of Maine Cooperative Extension-coordinated effort to respond to food insecurity in Maine by inviting gardeners and commercial to grow an extra row or two or to donate extra produce to help feed the hungry in Maine. UMaine Extension Director John Rebar said the program brings out the best in Maine, which is neighbors helping each other. Comments from Lisa Fishman, supervisor for UMaine Extension's Eat Well program in the Northern Aroostook County office, and Jim Dwyer, crop specialist in the Central Aroostook County office, were also included. Contact: Jessica Bloch, (207) 581-3777

Dagher Comments About Snowe Resignation

02 Mar 2012

In a [Portland Press Herald story](#) about reaction to the news of U.S. Sen. Olympia Snowe's retirement, Habib Dagher, the director of UMaine's Advanced Structures and Composites Center said Snowe had a wealth of knowledge about the renewable energy industry and spoke with authority on the issues. Snowe was instrumental in helping secure millions in federal funding for deepwater offshore wind initiatives and other research projects at UMaine. Contact: Jessica Bloch, (207) 581-3777

Biologist Interviewed About New Movie

05 Mar 2012

UMaine's Mike Kinnison, an associate professor of evolutionary applications, was [interviewed](#) for a segment of the web series "Down to Earth" in a YouTube video about the new movie, "Salmon Fishing in Yemen." Kinnison said the idea of salmon fishing in Yemen is far-fetched because Yemen has no year-round flowing rivers. Kinnison also discussed efforts to restore salmon in Maine, and about high-tech ways for tracking sturgeon to identify their critical habitat. Contact: Jessica Bloch, (207) 581-3777

Brewer Comments in Continuing Sen. Snowe Coverage

05 Mar 2012

Mark Brewer, a political scientist at UMaine, was interviewed by a number of media outlets about the repercussions of U.S. Sen. Olympia Snowe's recent resignation announcement. The [Reuters news service](#) interviewed Brewer about whether or not her resignation will encourage compromise in Congress. In a [Portland Press Herald story](#), Brewer said there have always been complaints about partisanship paralyzing Congress, but he sees more evidence now that the complaints are valid. He also told MaineToday Media, in an [article](#) that appeared in the Kennebec Journal, that the upcoming Senate race could be the most expensive election campaign in Maine history. Contact: Jessica Bloch, (207) 581-3777

Coverage of Engineering Expo

05 Mar 2012

Several local media outlets covered Saturday's Engineering Expo hosted at UMaine. Bangor TV station WABI interviewed College of Engineering Dean Dana Humphrey, who said the goal of the event, which featured hands-on activities for more than 1,500 school children, is to encourage the next generation of engineers. Victoria Blanchette of the College of Engineering told WLBZ engineering schools cannot graduate enough students to replace the current baby-boomer generation of retiring engineers. The [Bangor Daily News](#) spoke to Philip Dunn, UMaine construction management technology faculty member, who said his and other engineering departments are looking for more women to learn the trade. The BDN story was accompanied by a video that included an interview with UMaine bioengineering major Jeffrey King. Contact: Jessica Bloch, (207) 581-3777

Correll Lecture on 21st Century English Language Arts Teaching

05 Mar 2012

The first speaker for the University of Maine Correll Presidential Lecture Series will be Ernest Morrell, director of the Institute for Urban and Minority Education at Teachers College. He'll speak March 26 about English language arts instruction. In a multimodal, interactive session, Morrell, who also is vice president of the National Council of Teachers of English, will outline a core set of principles for culturally relevant and academically rigorous 21st century English language arts instruction from 4:30-5:45 p.m. in the Wells Conference Center. The public is invited to the free event. The talk, "Powerful English Language Arts Teaching in the 21st Century Classroom," will feature examples of new teaching pedagogies and explain how incorporating new literacies into classroom instruction serves to increase student engagement and academic literacy development. He'll also outline principles of powerful teaching through engagement, affirmation, discipline, inspiration, purpose and love. Additional information is available on the UMaine College of Education and Human Development website. Contact: Susan Bennett-Armistead, (207) 581-2418

UMaine's Engineers Without Borders Wins \$25,000 Newman's Own Grant

05 Mar 2012

The University of Maine student group Engineers Without Borders-UMaine (EWB-UMaine) was named Sunday the winner of the Newman's Own Foundation Campus Community Service Challenge, which comes with a top prize of

\$25,000. The award was announced at America East Conference Basketball Championship tournament in Hartford, Conn. EWB-UMaine won the challenge for its project in Dulce Vivir, Honduras, where the group is working to implement a student-designed community sanitation system. The poor sanitation conditions in Dulce Vivir limit economic opportunities of its 120 residents and cause environmental and health concerns. "This award gives our students the opportunity to make even more of an impact with their global outreach efforts," said Robert Dana, UMaine vice president for student affairs, who attended Sunday's announcement with members of EWB-UMaine. "The national recognition also is a tribute to our students' selfless efforts, pursuing service for the greater good. In this case, the work of UMaine Engineers Without Borders is life-changing for the communities in which they work." EWB-UMaine, which was founded in 2007 and is made up of students and their professional mentors, has been working for four years with Dulce Vivir residents, consulting with the community on its priorities, collecting information needed for the system design and developing contacts needed to ensure the project's success. The Newman's Own Foundation Campus Community Service Challenge was developed to encourage the practice of philanthropy among younger generations, specifically on college campuses. The challenge is a competition among the nine member universities of the America East Conference with one student group, partnered with a local nonprofit, chosen from each university to participate in the challenge. Each university's entry receives a grant of at least \$5,000. In 2010, the first year of the Newman's Own competition, UMaine's Bodwell Center for Service and Volunteerism's Black Bear Mentor Program finished in third place and won a \$10,000 prize. Last year, the UMaine Welcome Weekend Day of Service and Maine Hello move-in initiatives received honorable mention and \$7,500. Grant recommendations were based on the student groups' involvement with their chosen nonprofit, and the impact of the partnership on those served by the nonprofit as well as on the students themselves. For more information, see a [news release](#) on the America East website. Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

System Network Official Quoted in Article

06 Mar 2012

Jeff Letourneau, a University of Maine System employee who works on the UMaine campus as the executive director of the system's Networkmaine, was quoted in a [story](#) in the Journal Tribune of Biddeford. In the story, which was about Great Works Internet (GWI), Letourneau noted GWI is working with UMaine on a project that will provide access to high-speed internet in rural and under-served areas of Maine in order to drive the state's economy. The project is a "game-changer" for the system, Letourneau added. Contact: Jessica Bloch, (207) 581-3777

Political Scientist Comments on Senate Race

06 Mar 2012

UMaine political scientist Mark Brewer was interviewed by several news outlets after Monday's announcement that former Gov. Angus King would enter the race for U.S. Senate to replace Olympia Snowe. Brewer told [Fox News](#) that King goes to the top of the list of candidates, even though he will run as an Independent without the backing of a major party. In an [Associated Press story](#) that appeared on the Boston Globe website, Brewer said King's popularity during his two terms will be important in a state where independent voters who aren't enrolled in a party represent the largest voting bloc. The Hill's Ballot Box blog also [interviewed](#) Brewer about King's chances. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension Educator Noted in Forum Advance

06 Mar 2012

In a [story](#) about the upcoming FTN 2.0 Biomass and Beyond forum, the Bangor Daily News noted Andrew Plant, a University of Maine Cooperative Extension educator, will participate in the day-long meeting on the status and future development of alternative energy in Maine. Plant researches liquid and solid biofuel for farmers, according to the story. Contact: Jessica Bloch, (207) 581-3777

Venus Flytrap Featured on Website

06 Mar 2012

The website Nanowerk, which focuses on nanotechnology issues, has a [report](#) on the robotic Venus flytrap created by Mohsen Shahinpoor, Richard C. Hill Professor and chair of UMaine's mechanical engineering department. The robotic Venus flytrap has with nanosensors and a thin, pliable metal composite material that he invented as part of his ongoing artificial muscle research, according to the article.

Contact: Jessica Bloch, (207) 581-3777

UMMA's Kinghorn Named International FotoFest Reviewer

06 Mar 2012

UMaine Museum of Art Director and Curator George Kinghorn has been invited to be a guest reviewer at FotoFest, the 14th international biennial of photography, being held March 19 - 24 in Houston. Kinghorn joins other directors and curators from prestigious museums throughout the world including the Victoria and Albert Museum, London; Haus der Fotografie, Germany; Museum of Fine Arts, Houston; George Eastman House, Rochester NY; Cleveland Museum of Art; Museum of Contemporary Photography, Chicago; and the Musee de la Photographie, Belgium. Throughout the week, Kinghorn will critique the works of photographers from around the globe. The FotoFest biennial features scholarly lectures, panel discussions, exhibitions and educational programs. Contact: Kathryn Jovanelli, (207) 561-3350

UMaine Horticulturist Stack in PBS NewsHour Report

07 Mar 2012

Comments from University of Maine Cooperative Extension professor and ornamental horticulturist Lois Berg Stack were included in a national PBS NewsHour news blog on the new, interactive USDA Plant Hardiness Map, which reflects shifting climate zones in the United States. It serves as a guide for farmers and gardeners to see minimum temperatures across the country by zone. The new map, updated after 26 years, indicates rising temperatures in New England, which Stack said could lead to cold-loving trees like the paper birch moving northward.

Contact: George Manlove, (207) 581-3756

Abbott Remembered in BDN Story

07 Mar 2012

The Bangor Daily News has a [story](#) about alumna Carol Abbott, the mother of current UMaine athletic director Steve Abbott and the wife of former UMaine football coach and professor Walter Abbott, who died Friday. Carol Abbott earned an English degree in 1959 from UMaine, according to the story, where she met Walter Abbott, who became an assistant football coach for the Black Bears in 1960 and later assumed head coaching duties from 1967-75. Contact: Jessica Bloch, (207) 581-3777

Washington Post Runs AP Story with Brewer Comment

07 Mar 2012

The Washington Post ran an [Associated Press story](#) that included comments from UMaine political scientist Mark Brewer about former Gov. Angus King's announcement that he will run for U.S. Senate. Brewer said King is at the top of his list of Senate candidates, even without the backing of a major party. The NBC-TV affiliate in Roanoke also had an [AP story](#) on its website that included comments from Brewer. Contact: Jessica Bloch, (207) 581-3777

TV Report on Intensive English Institute Program

07 Mar 2012

Bangor TV station WABI ran a [report](#) on a group of Japanese students who visited Brewer High School through a partnership between UMaine's Intensive English Institute and Hirosaki University in Japan. The students are interested in learning not only English but also American culture. Contact: Jessica Bloch, (207) 581-3777

Hockey Player Earns Honor

07 Mar 2012

The [Bangor Daily News reported](#) UMaine hockey player Spencer Abbott has been named the Hockey East Player of the Year by College Hockey Weekly. Abbott, a senior who is not related to UMaine athletic director Steve Abbott, leads the country in scoring and in points per game.

Contact: Jessica Bloch, (207) 581-3777

Memorial Service for Carol Abbott on Saturday

07 Mar 2012

There will be a reception at the University of Maine's Buchanan Alumni House following a memorial service on Saturday, March 10, for Carol Abbott, who passed away on Friday. Abbott was a UMaine alumna, the wife of former University of Maine football coach and professor Walter Abbott and the mother of current UMaine athletic director Steve Abbott. The memorial service will begin at 11 a.m. at the Orono Methodist Church. The reception will follow from 11:45 a.m. to 2 p.m. Carol Abbott graduated from UMaine in 1959 with a degree in English. While at UMaine, she met Walter Abbott, who later became an assistant football coach and then head coach. According to an obituary in the Bangor Daily News, Carol loved her experience as a student at the University of Maine where she and Walter made many lifelong friends. At UMaine Carol was selected "Calico Queen," and was a member of the Pi Beta Phi sorority. After graduation, in addition to raising their children, Carol worked as an elementary school teacher for 20 years. For more than fifty years, Carol was a fixture at UMaine sporting events. At every home football game, she could be found in "Coaches' Corner," which became a well-known meeting area for Carol and Walter's friends at the home football games. In addition to Walter, Carol is survived by: their son Steven, his wife Amy, and their children Hannah and Henry, all of Portland; their son Scott and his daughter Erin of Orono and Bangor; and their daughter Sherry of Portland. Carol is also survived by her brother Peter and his wife Nadia of Rockport, Massachusetts. Gifts may be sent to the University of Maine Foundation, Two Alumni Place, Orono, ME, 04469-5792, to benefit the Carol and Walter Abbott Scholarship Fund, which awards a scholarship to UMaine student-athletes every year.

Contact: Jessica Bloch, (207) 581-3777

High School Marine Science Program Accepting Applications

07 Mar 2012

Applications are now being accepted for the University of Maine's Dive In 2012, a program for college-bound high school students interested in pursuing a career in the marine sciences. The program will be held July 23-25 at UMaine's Darling Marine Center (DMC) in Walpole, Maine. Applications are due June 1. A three-day immersion program, Dive In gives incoming students a taste of one of UMaine's most popular scientific majors. Participants will spend three days in residence at the DMC exploring the marine realm on foot, by kayak and aboard the center's 42-foot research vessel with UMaine faculty and staff. The students will be exposed to marine biology, oceanography, scientific diving, remote ocean sensing, aquaculture and more. Parents are invited to visit on the final afternoon for seminars on career options and UMaine's academic program in marine science, and opportunities to meet with UMaine marine science faculty and staff. Dive In is open to rising high school juniors and seniors, with preference given to seniors, and is free to accepted

students, although transportation to and from the DMC is not included. Dive In is a University of Maine program, offered by the Darling Marine Center, School of Marine Sciences and the College of Natural Sciences, Forestry and Agriculture. More information and application materials are available by calling 207-563-3146, extension 200.

UMaine Extension Associate Comments on Yogurt and Kids

08 Mar 2012

Brenda Bracy, a nutrition associate with the University of Maine Cooperative Extension Eat Well Nutrition Education Program, was interviewed for a Portland [Press Herald story](#) about the hidden sugars in yogurt marketed for children. Bracy said less sugar is always better. She also offered a recipe for a yogurt-based ranch dip that children can help make. Contact: Jessica Bloch, (207) 581-3777

UMaine Student in Newspaper Photo Feature

08 Mar 2012

A UMaine student was featured Wednesday in the Bangor Daily News' Photo of the Day. Vinni Negin, a student from Lincoln, was enjoying the relatively warm temperatures by riding her skateboard on campus. Contact: Jessica Bloch, (207) 581-3777

Report on Engineer's Home Energy Analysis Project

08 Mar 2012

The Bangor Daily News has a [report](#) on a project for which Nathan Weise, a UMaine professor of electrical and computer engineering, and a team of students will collaborate with the Blue Hill-based company PowerWise to allow 50 households in the Blue Hill area to track their energy use in both real time and over time down to the level of individual appliances in some cases. The UMaine group will then analyze how electricity consumption trends change across the households during the year. Weise said the key is for people to see with their own eyes when and how their household electricity is consumed on a circuit-by-circuit basis.

Contact: Jessica Bloch, (207) 581-3777

Kent Book Reviewed on National Website

08 Mar 2012

A book written by Rich Kent, a UMaine associate professor in the College of Education and Human Development, was [reviewed](#) on the National Writing Project website. The reviewer, UMaine alumna Emilie Brand Manhart, wrote that "Writing on the Bus: Using Athletic Team Notebooks and Journals to Advance Learning and Performance in Sports," offers a balanced presentation of writing with athletes, including successes, missteps and lessons learned. Contact: Jessica Bloch, (207) 581-3777

Brewer, Fried Interviewed About Senate Race

09 Mar 2012

Mark Brewer, a political science professor at UMaine, commented in the New York Times political blog [The Caucus](#) about Maine's U.S. Senate race. Brewer said Democrat U.S. Rep. Chellie Pingree, who has announced she will not run for Senate, likely bowed out of the race because her House seat was going to be safe for her. Brewer was also interviewed by the [National Journal](#). UMaine political scientist Amy Fried told [Maine Public Broadcasting Network radio](#) Pingree would have been a strong contender, but her decision not to run was a safe move on the part of the Democrats.

Contact: Jessica Bloch, (207) 581-3777

Customer Service Program in Column

09 Mar 2012

A new customer service training program in which UMaine is collaborating with other organizations was noted in a [Bangor Daily News column](#). The web-based "Welcome ME: Quality Customer Service Training for Maine Businesses" program helps companies improve their customer service efforts. Contact: Jessica Bloch, (207) 581-3777

Tidal Power Research Noted on Website

09 Mar 2012

The website Clean Technica has a [story](#) about a commercial tidal power generator being installed soon in Cobscook Bay. The story noted that UMaine School of Marine Sciences environmental monitoring and fish studies will be conducted alongside the generator. Contact: Jessica Bloch, (207) 581-3777

Press Herald Story Cites Economic Study

09 Mar 2012

In a [Portland Press Herald report](#) on improvements to Portland's deep-water berth, a Portland city official cited a 2010 UMaine economic impact study about the importance of the cruise ship industry to Portland and the rest of the state. The study found that in 2008, more than 47,000 passengers from 31 cruise ships pumped \$5.8 million to \$8 million into Greater Portland's economy. Contact: Jessica Bloch, (207) 581-3777

MacDougall Comments in Regional Vernacular Dictionary Article

09 Mar 2012

Pauleena MacDougall, director of the Maine Folklife Center at UMaine, was interviewed for a [Bangor Daily News story](#) about a study on regional vernacular by the University of Wisconsin, Madison, which includes some Maine expressions included in the "Dictionary of American Regional English." MacDougall noted that a book on Maine vernacular by former University of Maine English teacher Marion Stocking also was published in 2007.

Contact: George Manlove, (207) 581-3756

Fox News Notes Psychologist in Story About Bullying

12 Mar 2012

UMaine psychology faculty member Cynthia Erdley was mentioned in a [Fox News story](#) about a teen-produced radio show that documents the effects of bullying. In an interview on the radio show, Erdley said bullies often act out to elevate their own social status. Contact: Jessica Bloch, (207) 581-3777

Newspaper Report on Drug Running Includes UMaine study

12 Mar 2012

A [Bangor Daily News report](#) on drug running along the I-95 corridor noted studies of drug-related mortality patterns in Maine done by Marcella Sorg, a UMaine forensic anthropologist who is also the state's anthropologist and works in the

state medical examiner's office. Sorg told the BDN Friday that oxycodone, methadone and benzodiazepines are the primary drugs causing fatal overdoses in Maine and Florida, and the pattern of drug deaths between the two states is similar. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension Pathologist in Press Herald Story on Boxwood Blight

12 Mar 2012

The Portland Press Herald quoted University of Maine Cooperative Extension plant pathologist Bruce Watt in an [article](#) about Boxwood Blight, a fungus that defoliates the boxwood plant. Although the blight is not yet in Maine, it is likely to arrive soon, and Watt said he is hesitant to recommend that people plant boxwood in the future. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension Educator in Story About Farm Fuel Costs

12 Mar 2012

Andrew Plant, a University of Maine Cooperative Extension educator, was interviewed for a [Bangor Daily News story](#) about the effects of rising fuel prices on Maine farms. Plant said Maine has a lot of forest capacity and unused agricultural land which could be producing anything from grasses for heating to biogas to anaerobic digesters for methane recovery.

Contact: Jessica Bloch, (207) 581-3777

Herbert Maccoby: 1922-2012

12 Mar 2012

Herbert Maccoby, former professor and chair of the University of Maine Department of Sociology from 1971 to 1985, died Feb. 26, 2012, in Oakland, Calif. He was 89 years old. According to a Bangor Daily News obituary, Maccoby also taught at the University of California at Berkeley, the University of Pittsburgh and Kansas State University. He authored a number of articles and papers on political sociology and the cooperative movement. Maccoby graduated from Western Reserve University in order to stay in Cleveland to help support his mother after his father died. After college, he served in the 44th Infantry Division in France, Germany and Austria during World War II. He remained in Germany after the war to work in the military government. Maccoby received a master's degree in economics from Columbia University in 1949 and a doctorate in sociology from Columbia in 1955. Maccoby was a member of Phi Beta Kappa, the American Sociological Association and the American Association of University Professors. Maccoby is survived by his wife, Babette Frank Maccoby; children Gina Maccoby of Chappaqua, N.Y., and Matthew Maccoby of Santa Monica, Calif.; and seven grandchildren. Contact: George Manlove, (207) 581-3756

Professor Comments About Online News Sharing

12 Mar 2012

A column by Justin Martin, a UMaine CLAS-Honors preceptor of journalism, about news organizations' online sharing practices was posted on the [Columbia Journalism Review website](#). Martin wrote that news organizations typically must share some free content in order to maximize online advertising and make paywalls most effective, but too many influential news organizations never properly learned to share.

Contact: Jessica Bloch, (207) 581-3777

Brewer Comments in U.S. News and World Report

13 Mar 2012

UMaine political scientist Mark Brewer was interviewed by [U.S. News and World Report](#) for a story about Angus King's chances to win the U.S. Senate seat currently occupied by the retiring Olympia Snowe. Brewer said King, the former Maine governor, is the current front-runner. The story also appeared in the [Chicago Tribune](#). Contact: Jessica Bloch, (207) 581-3777

Energy-Savings Study Noted in Portland Chamber Report

13 Mar 2012

A report about a project that includes UMaine research into home energy savings was noted in a [Portland Regional Chamber report](#) on the Bangor Daily News website. The project involves Nathan Weise, a UMaine professor of electrical and computer engineering, and a team of students who will collaborate with the Blue Hill-based company PowerWise to allow 50 households in the Blue Hill area to track their energy use in both real time and over time. Contact: Jessica Bloch, (207) 581-3777

Radio Show Features Archaeologist's Maritime Find

13 Mar 2012

[WNYC](#), a New York City radio station, listed the 18th century ship excavated by the World Trade Center site by UMaine marine archaeologist Warren Riess in a feature called "The Story of New York in 10 Objects." Riess said New York City was developed with trading vessels such as the one he unearthed. Contact: Jessica Bloch, (207) 581-3777

UMaine Authors Hornsby, Barkan Receive Book Awards

13 Mar 2012

Two University of Maine faculty members have been selected for awards of excellence for recent textbooks. Steven Hornsby, director of the University of Maine Canadian-American Center and professor of geography and Canadian studies, has received the Prince Edward Island Museum and Heritage Foundation's Publication of the Year Award for his 2011 book "Surveyors of Empire: Samuel Holland, J.F.W. Des Barres, and the Making of the Atlantic Neptune." Steve Barkan, professor of sociology, in June will receive a 2012 "Texty" award, the Text and Academic Authors Association's Textbook Excellence Award, for his most recent text, "Sociology, Understanding and Changing the Social World." It is Barkan's second Texty in the last six years. Contact: George Manlove, (207) 581-3756

Marine Biologist Gains Funding for Deep Sea Coral Research

13 Mar 2012

Coral communities are frequently associated with warm, shallow tropical waters. Yet corals survive and thrive in both deep and cold waters of regions such as the Gulf of Maine, the Arctic and the Antarctic. Just like tropical corals, cold-water corals play an important role in creating habitats that support thousands of species of ocean creatures. Corals found in deep seas, however, are much less frequently studied than their shallow cousins because the depths needed to reach coral communities are often beyond the reach of traditional scuba gear. Just as tropical corals are being threatened, deep-sea corals are also vulnerable to environmental pressures and human impacts. It was discovered relatively recently that in a few high-latitude environments, deep-sea coral species can be found much shallower than usual, some even within the depths that scuba equipment can reach. Rhian Waller, a University of Maine assistant research professor, has received grants to explore corals usually found in the deep sea but now living in shallower waters in the Gulf of Maine, Alaskan fjords and the Patagonian fjords in Chile. Waller has received a \$78,457 RAPID Grant from the National Science Foundation and the National Geographic Society has awarded her \$30,064 to establish three long-term monitoring sites in Chile where she will monitor and take samples of usually deep-sea corals for reproductive ecology. Waller has also received another \$9,000 from UMaine to explore Maine's coastal areas for deepwater emergent coral habitat sites, and \$48,000 from the National Oceanic and Atmospheric Association (NOAA) to continue a long-time

series of Red Tree corals in Alaska. “The discovery of deepwater emergent corals in areas such as Chile, Alaska and even here in the Gulf of Maine, make ecological research possible on species previously unobtainable in enough numbers and from enough times of year to say anything useful about their population processes,” Waller said. More than 60 species of cold-water coral are known in the Gulf of Maine, but little is understood of their biogeography and diversity, primarily because it is thought that fisheries impacts may have been high in the past, and therefore pristine coral communities may be scarce. However, anecdotal and other information gathered from fishermen indicate the distribution of coral communities may be wider than thought, particularly closer to shore and in areas not impacted by fisheries. Waller’s goals are to discover, characterize and map areas of gorgonian corals, also known as sea fans or sea whips, along the Maine coast at depths of 150 feet. She intends to register the new locations and depth ranges in the U.S. Geological Survey Cold Water Coral Geographic Database and also hopes to discover a scuba-accessible site from which to launch future studies of deep-sea, cold-water coral ecology and physiology. In Chile, Waller will launch her research from the Huinay Scientific Field Station and work in the waters of the northern Patagonian fjords, which are influenced by strong tides, large volumes of freshwater runoff, upwelling of deep ocean waters and steep climatic gradients from north to south. Species found in these fjords can more usually be found at depth of up to 3,000 meters, yet in these locations they can now be collected by scuba at just 10 meters. This presents researchers such as Waller with a unique opportunity to form baseline data on ecological and population processes – a sort of window into a deep-sea ecosystem. Corals in the northern Patagonian fjords are facing pressures from activity such as intense salmon farming and logging, which is why there is an urgent need to document and understand the coral systems in this region. Quantifying reproduction is important because it is the fundamental ecological process that every species on the planet needs to undergo in order to survive through time. Measurements of reproduction provide information to understand recruitment, recolonization, population connectivity and recovery from damage. In Alaska, Waller will continue a time series on deepwater emergent Red Tree corals in the Alaskan fjords. These corals form essential habitat in this region for rockfish and crustacean species. In 2010, Waller and NOAA collaborators established a site of 40 corals, which have since been sampled every three months for reproductive analysis. This site has provided the best time-series reproductive data on any deep-water coral species to date. Waller will return to investigate fertilization and larval dynamics in this species and continue the reproductive timeline to assess when and how much this species reproduces, with the goal of providing essential management information. Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Core Meltdown: Blog Seven

13 Mar 2012

[Click here to see all Climate Change blog entries.](#) With the ice cores safely on their way back to Maine, we are making the necessary preparations for their processing and analysis. The extraction of ice from the glaciers is only part of the story; the next chapter begins in the freezer at UMaine's Climate Change Institute, where the ice will be divided into multiple sections. Each section is designated for a different type of analysis. At CCI we will literally be counting atoms, focusing on the stable isotopes of water and a suite of trace elements. [caption id="attachment_15269" align="alignright" width="466" caption="Lab technician uses a laser to collect samples from an ice core."]



[/caption] Stable water isotopes, which include

oxygen isotopes (^{16}O and ^{18}O) and hydrogen isotopes (H and 2H), can give us information about changes in temperature and moisture sources at Tupungatito glacier. The stable isotopes will show us annual temperature changes (e.g. winter/summer) as well as long-term variations in regional temperature. We will collect isotope samples at 3-centimeter increments throughout the approximately 60-meter ice core, giving us roughly 2,000 samples. Trace element analysis involves determining the concentration of numerous elements including aluminum, iron, calcium, sodium, sulfur, copper, zinc and lead, to name a few. These different elements can reveal regional environmental changes such as atmospheric dust concentrations, marine air-masses (e.g. sea-salts), volcanic emissions and human pollutants. The trace element samples will be run on an Inductively Coupled Plasma Mass Spectrometry (ICP-MS) instrument designed to discern concentrations as low as parts per quadrillion. In addition CCI has developed an in situ laser ablation system that does not require the ice to be melted. The laser ablates the ice surface and the subsequent gas is immediately analyzed by the ICP-MS instrument. Remarkably, the laser system allows a one-meter section of ice core to yield around 100,000 continuous samples compared to about 100 samples if melted -- a 1,000-fold increase! This increase in sample resolution is particularly valuable in the deeper sections of the ice core where ice is more compressed and annual layers are much thinner. Sections of the ice will also be sent to our scientific collaborators for analysis of black carbon (an indicator of biomass burning and human pollutants) and for biological samples (CECS will be looking at the bacteria that live on glaciers and how they have changed over time). As analyses are completed, the data collected will help to uncover how local climate features such as temperature, precipitation, storms and atmospheric chemistry have changed over time at the site and surrounding region. We will be able to add and compare it to other regional-global scale climate records CCI has collected over the years. Each new climate record adds another piece of the puzzle to how and why our planet's climate has varied in the past and can help give us context necessary to know how it may change in the future. All of us feel very privileged to be a part of this endeavor of discovery, whether it be finding answers or raising new questions. On a personal note, there is a downside to the exciting expedition lifestyle, which is the stress that it can cause on family life. Working in a remote location where we cannot leave immediately if an emergency were to arise at home or the chance of one of us becoming injured in the field are stress-inducing possibilities. We always make safety a priority and luckily, no one on our expedition was injured in the 2008 earthquake. We can all agree that it is great to be back home with our families and the time away allows us to truly appreciate those people in our lives that we care about. On lighter note, working and living in the field for long periods of time gives one perspective on the amazing amenities of modern life we take for granted everyday, such as hot water, toilets and deodorant. We would again like to thank Garrand for their support in making this expedition possible.

Channel 7 Reports on Michaud's UMaine Visit

14 Mar 2012

Channel 7 (WVII) on Tuesday covered a visit by Maine's U.S. Congressman Mike Michaud to UMaine. Michaud toured the Advanced Structures and Composites Center and had lunch with student leaders in the Memorial Union.

Contact: George Manlove, (207) 581-3756

UMaine Cybersecurity Team Takes Third Place in Regional Competition

14 Mar 2012

UMaine's student cyber defense team finished third at the Northeast Collegiate Cyber Defense Competition (NECCDC) hosted by Northeastern University March 9-11. The competition is one of nine regional events held across the country. The 12 teams in the competition were tasked with creating a company data center that had to continue functioning while fending off attacks from a team of cybersecurity industry professionals and researchers. UMaine took second place in the 2010 NECCDC competition. Contact: Ron Lisnet (207)581-3779

UMaine Sugar House in Maple Syrup News Report

16 Mar 2012

Francis Avery, UMaine forest technician and operator of the university's sugar house off College Avenue Extension, was interviewed Thursday for a [Channel 2 \(WLBZ\)](#) news report on how the maple syrup "sugaring" season is progressing. Contact: George Manlove, (207) 581-3756

Channel 5 Covers UMaine Bookstore's 'Grad Fair'

16 Mar 2012

Channel 5 (WABI) on Thursday covered the annual "Grad Fair" at the University Bookstore, a chance for many of the 2012 graduates to get an early opportunity to order or purchase commencement accessories, regalia and mementos. The report included interviews with a graduating senior and Bookstore floor manager Colleen Gagnon. Contact: George Manlove, (207) 581-3756

News Outlet Report on UMaine Bomb Threat Hoax

16 Mar 2012

Several news organizations, including [Channel 5 \(WABI\)](#), [Channel 2 \(WLBZ\)](#) and the [Bangor Daily News](#), reported Thursday on a bomb threat hoax emailed to an Aubert Hall employee. Students and staff were evacuated while public safety officials searched the building before allowing Aubert Hall to be reoccupied. Contact: George Manlove, (207) 581-3756

Advanced Structures and Composites Center Receives Energy Incentives

16 Mar 2012

The University of Maine's Advanced Structures and Composites Center has received an incentive return from Efficiency Maine under the Maine Advanced Buildings program for energy-efficiency measures incorporated into the design and construction of the new facility last year at the center of the UMaine campus. Advanced Structures Composites Center Director Habib Dagher and his staff will receive \$36,909 in incentive payouts to offset the additional costs associated with the high performance building. Efficiency Maine is an independent trust dedicated to promoting the efficient and cost-effective use of energy in order to save money for Maine residents and businesses, grow the economy and create jobs. It is primarily funded through the system benefit charge included in electricity rates, as well as the Regional Greenhouse Gas Initiative and various other funding sources. Efficiency Maine's Business Program offers cash incentives to reduce the upfront cost of projects that help you use electricity more efficiently, from new fluorescent lighting to HVAC to farm equipment. Eligible organizations may receive total incentives of up to \$100,000 in a single calendar year in addition to the reduced operating expenses that energy-efficient equipment offers year after year.

Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Spencer Abbott named Hockey East Player of the Year, Hobey Baker Finalist

16 Mar 2012

UMaine Hockey senior forward Spencer Abbott was named Hockey East Player of the Year at the league's awards banquet Thursday night in Boston. He is the fifth Black Bear player to achieve this honor. Abbott was also tabbed as a top 10 finalist for the Hobey Baker award, given annually to the nation's top college hockey player. Abbott leads the nation in scoring with 20 goals and 39 assists for 59 points. The Black Bears face Boston University in the Hockey East semifinals Friday night in Boston. More information can be found online. Contact: Ron Lisnet (207) 581-3779, ron.lisnet@umit.maine.edu

Doctoral Student Examines Long-term Effects of Methadone Treatment in Pregnancy

16 Mar 2012

Life gets off to a rough start for babies born to drug-dependent women, even when their mothers' addiction is clinically managed during pregnancy with methadone or other therapeutic replacement drugs. Born with their own chemical dependency, approximately 70 percent of these babies spend weeks in intensive care being treated for a cluster of unpleasant and dangerous symptoms of opiate withdrawal known collectively as Neonatal Abstinence Syndrome, or NAS. Few studies have tracked NAS babies beyond the earliest weeks of their lives, but University of Maine doctoral student Beth Logan is pushing that body of research forward. Data from her Maine Infant Follow-Up Project show that well-managed methadone therapy itself is not associated with developmental problems in the first year of life, but that frequent dose increases during pregnancy may be linked with delayed development of motor skills, such as the ability to sit up, crawl and walk, which are important developmental milestones and predictors of cognitive development. This implies that it is essential for a woman to properly manage her methadone therapy during pregnancy to ensure she does not require frequent dose increases in order to avoid symptoms of withdrawal. A mother's use of alcohol while in prenatal methadone treatment also appears to be linked to developmental delays, according to the study. Working toward her Ph.D. in developmental-clinical psychology, Logan, a native of Rhode Island, says the issue of methadone maintenance therapy during pregnancy is of particular significance in Maine, where in recent years the rate of addiction to prescription painkillers and other narcotics has skyrocketed to one of the highest in the nation. Young women make up the fastest-growing group in that population, according to statistics from the Maine Office of Substance Abuse. Eastern Maine Medical Center in Bangor is one of two hospitals in Maine to have developed recognized expertise in meeting the needs of infants who develop NAS. Clinicians at EMMC and Maine Medical Center in Portland are at the national forefront of managing these babies, and their success in this emerging specialty is guiding the way for doctors and hospitals in other states. "It is an enormous social responsibility to be working on such an important problem," Logan says of her research team, which includes principal investigators UMaine psychology professor Marie Hayes and Dr. Mark Brown, chief of pediatrics and director of nurseries at EMMC. With the help of three outpatient methadone clinics in Bangor, Logan and her research colleagues have enrolled 110 mother-baby dyads in the longitudinal study, which began in 2006. A comparison group of about 30 mother-baby dyads has similar demographics, but the mothers in the control group are not opiate abusers and have not enrolled in methadone treatment during their pregnancies. Controlling for other variables in the study is no simple matter, Logan notes, as opiate dependent mothers-to-be typically present a "perfect storm" of risk factors that can affect the healthy development of their babies, before and after birth. Most of the mothers in the methadone group are low-income, have a low educational attainment, and are unemployed. Many are victims of domestic violence and suffer from psychiatric diagnoses such as depression and anxiety. Most are not married to their baby's father. In addition to these stress-inducing factors, maternal lifestyles often include the abuse of alcohol, tobacco and drugs, poor nutrition, inadequate pre-natal care, frequent changes in housing and a lack of family and community support. "There are a lot of factors affecting how well these children develop," Logan says, but the study is designed to isolate methadone use during pregnancy and to measure its effect on early development. The Maine Infant Follow Up Project begins with a maternal interview during the third trimester of pregnancy, focusing on the mother's use of alcohol, tobacco and illicit drugs during pregnancy. After birth, infants' activity levels are monitored to determine physiological irritability, sleep patterns and arousability in addition to standard neonatal assessments. Assessments at one month and seven months include "event-related potential" testing, or

ERP, which measures brain activity in response to novel sounds and is designed to assess cognition and attention. At nine months and one year, motor development, emerging language skills, cognition and social-emotional development are assessed. “The place we’re seeing the biggest delays is in motor development,” Logan says. While most babies in the control group are standing, cruising and preparing to take their first steps at nine months, nearly 40 percent of babies in the methadone group are still having trouble crawling and sitting. These delays are most pronounced in babies born to women whose methadone dosage was increased frequently, suggesting that the mother’s withdrawal during pregnancy maybe linked to the delays. Frequent maternal use of alcohol, especially binge drinking, also increased the incidence of developmental delay in the methadone group, Logan notes. Additionally, EEG studies have revealed that infants exposed prenatally to a combination of opiates and alcohol are less able to become accustomed to repeated stimuli, a finding that predicts developmental delays in the school setting. Logan has been invited to give an oral presentation of these findings at an upcoming meeting of the Pediatric Academic Society in Boston. She says the next step is to extend the study to follow the NAS babies through toddlerhood, assessing them at 18, 24 and 36 months of age. “We will continue to assess their motor development, and see if their delays persist over time or if they catch up. We also will monitor for the emergence of delays in other areas,” she says. Researchers will assess toddler sleep habits, their play interactions and the home environment in addition to measuring their cognitive, motor and language development with standardized tests. In addition, Logan and the research group are collaborating with scientists at Tufts Medical School to identify genetic factors shown to predispose some people to developing opiate dependency, regulate opiate processing in the body, and affect the severity of NAS in newborns. Future work in this area may improve medical treatment for NAS and protect infants’ developing brains. Contact: Meg Haskell, (207) 581-3766

Brewer Interviewed on June Primary Preparations

19 Mar 2012

UMaine political scientist Mark Brewer was interviewed recently for a [Channel 5 \(WABI\)](#) report on Maine’s June primary election preparations being made by candidates vying for the U.S. Senate seat held by retiring Republican Olympia Snowe. Six Republicans, four Democrats and Independent Angus King are pursuing the seat. Brewer said he anticipates heavy campaign spending and a possible edge for Democrats, considering that the November election is a presidential one. Contact: George Manlove, (207) 581-3756

Popular Science Website Features UMaine Wind Research

19 Mar 2012

[PopSci](#), the website of Popular Science magazine, has published a feature article about University of Maine wind-power propellers being designed, built and tested at the Advanced Structures and Composites Center. The article notes that UMaine’s 37,000-square foot Offshore Wind Laboratory is one of two facilities in the U.S. that stress-test full-size blades, and the only lab where wind turbines blades are built and broken under the same roof. UMaine engineer Larry Parent, senior research and development program manager, and Habib Dagher, composites center director, were quoted for the story. Contact: George Manlove, (207) 581-3756

Bayer Interviewed for Lobster Shell Disease Article

19 Mar 2012

Robert Bayer, a veterinarian and director of the Lobster Institute at the University of Maine, was interviewed for an article on lobster shell disease research published in [Boston.com](#), a Boston Globe website. Researchers discussed possible causes of the disease and its effect on the industry. Contact: George Manlove, (207) 581-3756

Website Carries UMaine Article on Infants of Addicted Mothers

19 Mar 2012

The website [Medical Xpress](#) carried a University of Maine article about doctoral student Beth Logan’s research into how a mother’s methadone treatment variations can affect developing motor skills and cognitive development of

prenatal infants. Contact: Meg Haskell, (207) 581-3766

UMaine Hockey rally Tuesday at 12:30

20 Mar 2012

A rally to celebrate UMaine Hockey's participation in the NCAA tournament will be held at 12:30 p.m. in the Memorial Union. Speakers include head coach Tim Whitehead and members of the team. Danny Williams will serve as the MC of the event. The Black Bear pep band will provide entertainment. Robert Dana, vice president for student affairs will also provide remarks. Contact: Ron Lisnet (207)581-3779, ron.lisnet@umit.maine.edu

N.Y. Newspaper Notes Math Professor Farley's School Visit

20 Mar 2012

[The Daily Greenburgh](#) newspaper carried a feature story recently about UMaine math professor Jonathan Farley, who visited a Greenburgh, N.Y. high school to talk with students about mathematics and "Pi Day," celebrated on March 14 at the school because of the similarity between Pi, the ratio of the circumference of a circle to its diameter, which is approximately 3.14, and the numeric equivalent of March 14 (3.14). Contact: George Manlove, (207) 581-3756

Dill Comments on Ticks in Maine

20 Mar 2012

Jim Dill, an entomologist with the University of Maine Cooperative Extension, was interviewed by the [Bangor Daily News](#) about the effect of warm late-winter temperatures on Maine's grub and tick population. Dill said grubs are more active than usual, which has skunks active earlier than usual. He also predicted a "pretty good" tick year but said the mosquito population could be down. Contact: Jessica Bloch, (207) 581-3777

Advance on Franco-American Center Talk

20 Mar 2012

A [Central Maine Morning Sentinel blog post](#) advanced Thursday's talk by New Brunswick-based CBC reporter Jacques Poitras, who is the author of "Imaginary Line: Life on an Unfinished Border," a book about U.S.-Canada relations. Poitras will speak at 12:30 p.m. at UMaine's Franco-American Center.

Contact: Jessica Bloch, (207) 581-3777

Researcher in Radio Report in Poverty in Maine

20 Mar 2012

Comments from Ann Acheson, a research associate at UMaine's Margaret Chase Smith Policy Center, were included in a [Maine Public Broadcasting Network radio report](#) about poverty in rural Maine. Acheson said as industries such as fishing and sardine canning have declined and more young people have left the state, the labor force has shrunk.

Contact: Jessica Bloch, (207) 581-3777

Student in USA Today Report on Studying in the Middle East

20 Mar 2012

Justin Lynch, a UMaine student majoring in political science and economics, was quoted in a [USA Today story](#) about students who are studying in the Middle East but have moved to cities to find more stability in an unstable political climate. Lynch said he spent last fall in Cairo but transferred to Beirut, where he feels safer but can still immerse himself in a different culture. Contact: Jessica Bloch, (207) 581-3777

Coverage of Sculpture Symposium Announcement

20 Mar 2012

The [Bangor Daily News ran a story](#) about this summer's Schoodic International Sculpture Symposium event, which is being held in partnership with UMaine. The report noted that UMaine will structure three summer classes around the symposium, as well as an internship and a documentary filmmaking class. Moreover, the student body will have the chance to interact with world-class artists as they chisel, grind and carefully carve pieces of raw granite into sculpture. [Bangor TV station WABI](#) mentioned that the symposium will be held in the Steam Plant parking lot on the UMaine campus. Contact: Jessica Bloch, (207) 581-3777

Maine Sea Grant Announces New Consumer Seafood Guide.

20 Mar 2012

Maine Sea Grant at the University of Maine has launched an [online Maine Seafood Guide](#) to provide information on Maine seafood species, including: When is it in season? How and where is it fished? Can I catch it myself? What are the health benefits and risks? What do I look for when choosing, buying, and preparing? Unlike other seafood "guides," this one doesn't rank, rate or recommend species; it just provides the information consumers need to make their own decisions about what seafood makes sense for them and their families, according to [Maine Sea Grant](#). Contact: Catherine V. Schmitt, (207) 581-1434 / catherine.schmitt@umit.maine.edu

Maine NEW Leadership Alumnae to Shadow Legislators

20 Mar 2012

Nine female Maine college students who are all alumnae of the Maine NEW Leadership program based at the University of Maine's Margaret Chase Smith Policy Center will be in Augusta Thursday, March 22, to shadow current Maine legislators. The students, four of whom are enrolled at UMaine, will each be paired with a legislator. The students will likely have the opportunity to observe Democratic and Republican caucuses and see their legislators interact with constituents and lobbyists, and will likely meet other legislators and staff. The schedule begins at 8:30 a.m. when the students meet at the public entrance to the State House and will then be introduced to their paired legislator. Those students shadowing representatives will observe at 9 a.m. a House session from the Fourth Floor Gallery, or attend caucuses for senators. Those students shadowing senators will sit in the back of the Senate chamber. After the session, the students and legislators will have lunch in Room 103A of the Cross Office Building. The participating students, along with their paired legislators, are:

- Jennifer Stoudt, UMaine: Rep. Jane Knapp of Gorham
- Sam Paradis, UMaine: Rep. Anne Graham, North Yarmouth
- Dora McCarthy, UMaine: Sen. Nichi Farnham, Penobscot County (Bangor)
- Amie Dick, UMaine: legislator to be determined
- Amy Sylvester, Thomas College: Rep. Megan Rochelo, Biddeford
- Brenda Gammon, Husson University: Sen. Debra Plowman, Penobscot County (Hampden)
- Lindamarie McDonald, Lewiston-Auburn College, USM: Rep. Teresa Hayes, Buckfield
- Mary Lynch, USM Muskie School graduate student: Rep. Emily Ann Cain, Orono
- Cameron Sheldon, Bates College: Sen. Margaret Craven, Androscoggin County (Lewiston)

The AT&T Foundation is sponsoring Thursday's event for the students. "Through our corporate and philanthropic giving, AT&T has a proud history of supporting innovative organizations that are focused on educating and inspiring the next generation," said Owen Smith, New England regional vice president for AT&T. The Maine NEW Leadership

program is a UMaine initiative designed to address the historic and contemporary under-representation of women in politics. The program offers participants interactive sessions on leadership development, networking, diversity training and the realities of holding public office. Last year, 29 undergraduate college women from 18 different Maine institutions of higher education participated in the intensive residential training program targeting the next generation of leaders. The nonpartisan program is offered through the Margaret Chase Smith Policy Center and the University of Maine Cooperative Extension, and is provided at no cost to participants, who are accepted to the program through an application process and must be from Maine or attend college in Maine.

Ali Erhan Ozluk: 1952-2012

21 Mar 2012

Ali Erhan Ozluk, professor in the University of Maine Department of Mathematics and Statistics for 25 years, died March 1, 2012, in Bangor. He was born Sept. 13, 1952, in Denizli, Turkey, and had taught at the University of Maine since September 1987. Ozluk earned a Bachelor of Science degree from Bogazici University, Bebek/Istanbul in 1974 and his Master of Science and doctorate degrees at the University of Michigan, Ann Arbor. At UMaine, Ozluk supervised or co-supervised dozens of master and doctoral thesis students and taught nearly every mathematics course the department offers from remedial algebra through advanced field and Galois Theory. His research expertise was in analytic number theory. Ozluk authored or co-authored 18 scholarly journal articles and his work attracted the attention of world-renowned experts in the field. He also recruited and coached the UMaine team participating in the annual Putnam Mathematics Competition each fall. Ozluk previously taught at Bogazici University, Istanbul; Simon Fraser University; University of Michigan, Ann Arbor; and the University of Cambridge, U.K. He is survived by a sister, Fatma Gulgun Ozluk of Turkey; three nephews, Alphan Alp and Alpan Alp of Turkey, Mert Alp of Germany; and a niece, Elvan Gunebakan of Turkey. He was predeceased by his parents. Ozluk had no relatives in the U.S. Condolences may be sent by email to mertalp@hotmail.com. Contact: George Manlove, (207) 581-3756

NCAA Ice Hockey Tournament Information Available

21 Mar 2012

University of Maine men's hockey fans who are interested in watching or traveling to Saturday's NCAA regional game in Worcester, Mass., can visit a page on the Black Bears' website for more information. UMaine, which is the third seed in the regional, will play second-seeded and defending national champion University of Minnesota Duluth in the 7:30 p.m. game at the DCU Center. The page includes information about an organized bus trip to Worcester, purchasing tickets to the game, where to find radio and television broadcasts of the game, and pregame and watch parties in Worcester and on the UMaine campus. Visit www.goblackbears.com for more information about UMaine athletics.

Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Aquaculture Professor Appears in TV Report

21 Mar 2012

Tim Bowden, a UMaine assistant professor of aquaculture, made an appearance in a [WABI TV report](#) about a Maine Day celebration at the Weatherbee School in Hampden. Students at the school had an opportunity for hands-on learning about different elements of the state. Bowden was at the school to display oysters to the students. Contact: Jessica Bloch, (207) 581-3777

Researcher Comments on Rural Economic Development

21 Mar 2012

In the second of a two-part [Maine Public Broadcasting Network radio report](#) about poverty in Washington County, Ann Acheson, a research associate at UMaine's Margaret Chase Smith Policy Center, commented about employment trends

Downeast. Acheson said small-scale entrepreneurs, rather than large employers, are the key to economic development in the region.

Contact: Jessica Bloch, (207) 581-3777

Japanese Delegation Signs Tidal Energy Research Agreement with UMaine

21 Mar 2012

University and government officials from Japan were in Orono this week to sign a research agreement between the University of Maine's Maine Tidal Power Initiative and the North Japan Research Institute for Sustainable Energy of Hirosaki University. The groups hope to foster scientific cooperation and academic exchange between the two universities, advancing the development of sustainable tidal energy in both the U.S. and Japan. In Maine, collaborative studies between UMaine and Ocean Renewable Power Company are underway in Cobscook Bay, where dramatic tidal fluctuations have the potential to generate electricity on a large scale. In his welcoming comments to the Japanese delegation at a meeting Monday morning, Michael Peterson, UMaine professor of mechanical engineering, said the Maine Tidal Power Initiative is examining all potential impacts of locating turbines in Maine waters, including engineering challenges, generating capacity, impact on local fisheries and ecological systems, local and regional economic benefits, cultural changes to local communities, and more. Dr. Hirotada Nanjo of Hirosaki University told UMaine researchers and others participants in the Maine Tidal Power Initiative that Japan must redouble its efforts to develop sustainable energy sources following last year's devastating earthquake and tsunami that destroyed nuclear power plants in Fukushima Prefecture on the country's Pacific coast. But the goal of establishing a tidal energy system along the coast of Japan faces powerful opposition from the nation's lucrative tuna fishery, Nanjo said, since submerged turbines, pilings and other energy infrastructure could entangle fishing lines. Other challenges include the presence of nuclear submarines and other vessels in coastal waters. Speaking through an interpreter, Nanjo outlined plans for a proposed energy project powered by currents and tides in the Sea of Japan, where water rushing in from the south through the Korean Strait has only three naturally constrained outflows: Tsugaro Strait, La Perouse Strait and the Strait of Tartary. Much of Japan's ocean current power exploration is now focused on Tsugaro Strait, where, Nanjo said, natural landforms create flow velocities suitable for driving turbines. Groups in Japan have been exploring the potential for tidal production in the Tsugaro Strait for over a decade, Nanjo said, but the recent nuclear disaster has re-energized that effort. "We are on the verge of a big turning point," Nanjo said. "Right now, our energy production is based on fossil fuels, but we will be changing to renewables." Tsugaro Strait is bounded on the north by the island of Hokkaido and on the south by the Prefecture of Aomori on the northern tip of the island of Honshu, which has a sister state agreement with Maine. Contact: Meg Haskell, (207) 581-3766

Extension Experts Available to Discuss Early Warm Weather & Gardening

21 Mar 2012

The University of Maine Cooperative Extension has a variety of gardening and agricultural experts available to assess how the unseasonably warm spring weather could affect crops, ornamentals, fruit trees and flowers. Sunny skies and temperatures in the 60s and 70s could force early blooms for daffodils and other flowering plants throughout Maine, which can be delightful for many people, but economically threatening for farmers and fruit growers. "We can enjoy it while we can, but let's hope it doesn't push things along too fast," says David Handley, Extension vegetable and small fruit specialist at the Highmoor Farm in Monmouth. "My biggest fear is we could face a repeat of 2010, which from a berry perspective was glorious and everything came out really early, but in mid-May we got hit with a pretty hard frost." Many apple growers suffered when that frost killed their apple blossoms, recalls Renae Moran, an Extension fruit tree specialist also in Monmouth. But, "just because spring is early doesn't mean we're going to get hit with a frost," she adds. "It's a matter of chance." In spite of the early warmth, there is still time to do spring pruning, even though many hardy vegetables can be planted now. John Jemison, Extension water quality and soil specialist in Orono, already has started some early vegetables and says there's really little to lose with planting backyard or community gardens early, especially if cold frames are available. From a pest-management perspective, a late spring frost could kill some insect pests, including black flies and mosquitoes, says Glen Koehler, Extension associate scientist for tree fruit~pest

management in Orono. Koehler adds that just because apple trees buds may be three weeks early this year doesn't mean blossoms also will be three weeks early. "Things have a way of evening out by June 1," he says. The following Extension scientists and educators are available in several Extension offices statewide:

- David Handley and Renae Moran, (207) 933-2100 in Monmouth
- John Jemison, (207) 581- 3241 in Orono
- Horticulturist Kate Garland, (207) 942-7396 in Bangor
- Marjorie Peronto, small greenhouse food production educator, (207) 667-8212 in Ellsworth
- Barbara Murphy, South Paris, (207) 743-6329
- Ornamental horticulturist Lois Berg Stack, (207) 581-2949 (as of March 26) in Orono
- And Glen Koehler, (207) 581-3882 in Orono

Contact: George Manlove, (207) 581-3756

Undergraduate Research Projects on Display Friday

21 Mar 2012

Seven University of Maine undergraduates will take part in a research showcase Friday in the Hall of Flags at the Maine State House in Augusta. The event, which includes undergraduates from all seven UMaine System schools, will be held from 8:30 a.m. to 1 p.m. UMaine System Vice Chancellor for Academic Affairs James Breece will be on hand to answer questions. A handout profiling the undergraduate students and their projects on display will be available at the event. The participating UMaine students and their research projects are: Peter Brooks (fourth-year psychology and Spanish double major) and Christie Edwards (second-year biology major): "Exploring the Alcohol Deprivation Effect in Withdrawal-Seizure Prone and Withdrawal-Seizure Resistant Mice" (faculty mentor: Alan Rosenwasser). Rachel M. Henderson (fourth-year mass communication major) and Lauren Thornbrough (fourth-year communication major), "Female College Students' Perceptions of Body Image: Sociocultural Factors and Self-Esteem" (Claire Sullivan). Shannon Brown (fourth-year marine science major), "Salinity tolerance of the oyster mudworm *Polydora websteri*" (Paul Rawson) Joseph A. Rankin (third-year marine science major), "Experimental analysis of bacterial isolates from *Porphyra umbilicalis* Kützinger (P.um.1) on growth and morphology of blade callus" (Susan Brawley). Thomas Leeuw (fourth-year marine science major), "In-situ Measurements of Phytoplankton Fluorescence Using Low Cost Electronics" (Emmanuel Boss).

Contact: Jessica Bloch, (207) 581-3777

Composites Research Noted in Hill Article

22 Mar 2012

In an [article on The Hill website](#) about Karen Mills, a Maine native who is the head of the federal Small Business Association and now a member of President Obama's Cabinet, recounted a tough task in 2007 of bringing together boat builders with composites materials manufacturers and researchers at UMaine. Mills, who was the 2009 UMaine commencement speaker, led the statewide effort that resulted in voter approval of two UMaine R&D-related bond referenda in November 2007. Contact: Jessica Bloch, (207) 581-3777

Notice of UMaine Extension Program Training

22 Mar 2012

The [Lewiston Sun Journal included a notice](#) about training for the Signs of the Seasons program, a University of Maine Cooperative Extension and Maine Sea Grant initiative to study seasonal changes in plants and animals. Participants will gain practical experience for observing and recording plant and animal life cycles in their backyard, schoolyard or other community location, while contributing valuable data. In addition, participants will learn how to add their data to the national online database hosted by the USA-National Phenology Network. Contact: Jessica Bloch, (207) 581-3777

Boston Globe Features UMaine Athletics

22 Mar 2012

Will O'Neill, a UMaine fourth-year men's hockey player, was profiled in the [Boston Globe](#). O'Neill said the experience of playing at Alfond Arena resonated with him from his first game as a freshman, and that coach Tim Whitehead is "head-over-heels" committed to Maine hockey. In another story, columnist Bob Ryan toured New England's Division I men's basketball programs and visited Orono on Jan. 11 for a game against Boston University. In the story, Ryan notes that UMaine may have the best pep band in New England. Contact: Jessica Bloch, (207) 581-3777

Farley Featured in N.Y. Black History Month Tribute

22 Mar 2012

[Rochester, N.Y. television Channel 10 \(WHEC\)](#) recently profiled University of Maine mathematician and professor of computer science Jonathan Farley for Black History Month. The video clip can be viewed through an Internet Explorer browser. Farley grew up in Brockport, N.Y., a suburb of Rochester. He has a Hollywood math and science film consulting business and advises film and TV shows that have a mathematical or scientific component, including "Medium" and "Numb3rs." Contact: George Manlove, (207) 581-3756

Extension's Garland Featured in Channel 7 Gardening Spot

22 Mar 2012

University of Maine Cooperative Extension horticulturist Kate Garland [was featured in a Channel 7 \(WVII\)](#) report on the unusually warm weather Maine has been experiencing and offered tips and precautions on early gardening and pruning activities. Contact: George Manlove: (207) 581-3756

Darling Center Hosting Illustration Workshop

22 Mar 2012

The University of Maine's Darling Marine Center in Walpole will offer a Natural Science Illustration Workshop July 16-20. The workshop is open to anyone who wants to illustrate a natural history journal with sketches or watercolor, hone observational skills and artistic talents to create scientifically accurate drawings, or bring art and science into the classroom. Instructor David Wheeler, who teaches at the State University of New York's Empire State College, Russell Sage College for Women and Pratt Institute's Center Extension Campus at Munson-Williams-Proctor Arts Institute, will lead the workshop. Participants will have the opportunity to collect and draw live specimens from the local marine environment, as well as work with Wheeler's collection of shells, bones and artifacts. Previous workshop participants have included high school and college students, K-12 educators, artists and illustrators interested in natural sciences, art, anthropology and archaeology. No prior art training is required. Wheeler is a veteran marine science illustrator whose artwork is in the permanent collections of museums, universities, and marine centers in this country and abroad. He has made life-sized models of dinosaurs for the American Museum of Natural History and the Osaka Museum of Natural History in Japan. The cost of the five-day workshop is \$370. Room and board at the Darling Marine Center are available for an additional fee. Additional course information and registration material are available on the DMC website. The registration deadline is June 1. Contact: Linda Healy, (207) 563-3146 ext. 200 or lhealy@maine.edu

UMaine Alumna Interview with Actress on NBC Serial Friday

22 Mar 2012

An NBC genealogical reality show, "Who Do You Think You Are?" airing Friday, March 23 at 8 p.m., will feature an interview with acclaimed actress Helen Hunt by University of Maine alumna Shannon Risk. Now an assistant professor of history at the University of Niagara in New York, Risk, who received a master's in American history in 1996 and a

PhD in history in 2009 from UMaine, was asked by the network to do an interview with Hunt because she had written about Hunt's great-great-grandmother's participation in the 19th century women's suffrage movement as part of her dissertation. An [NU news release](#) has more. Contact: George Manlove, (207) 581-3756

Hamilton Quoted in Boston Herald

23 Mar 2012

Gordon Hamilton, an associate professor in UMaine's Climate Change Institute, was quoted in a Boston Herald story about the possible reasons behind the region's unseasonably warm weather. Hamilton said although climatic phenomenon are partly to blame for the current jet stream trajectory and warm air flow, the bigger cause of the current weather pattern is coming from the long-term decline of the Arctic sea ice. Contact: Jessica Bloch, (207) 581-3777

TV Report Previews Lobster Institute summit

23 Mar 2012

Portland TV station WCSH has a report on this weekend's Canadian-U.S. Lobstermen's Town Meeting, a two-day event that will be held this year in Portland and is sponsored by UMaine's Lobster Institute. Bob Bayer, the institute's director, said participants will be discussing issues such as marine debris, aquaculture, lobster bait and the potential impacts of offshore wind development. Contact: Jessica Bloch, (207) 581-3777

Extension Early Gardening Advice in News Reports Statewide

23 Mar 2012

Several University of Maine Cooperative Extension educators and scientists were featured in news reports this week about early gardening tips and precautions as the unseasonably warm weather accelerates garden plans for many people. Channel 2 (WLBZ) interviewed water quality and soil specialist John Jemison about early vegetables. Channel 6 (WCSH) in Portland also ran the story. Horticulturist Kate Garland spoke with Channel 5 (WABI) and [Kennebec Journal](#) and [Portland Press Herald](#) reports included comments from Garland, Jemison, Extension associate scientist for tree fruit pest management Glen Koehler and vegetable and small fruit specialist David Handley. Comments from Jemison and Handley also were included in a report in today's Portland Daily Sun.

Contact: George Manlove, (207) 581-3756

Researcher in Report on New Education Model

26 Mar 2012

Janet Fairman, an associate research professor at UMaine's Center for Research and Education and the Maine Education Policy Research Institute, was interviewed for a [Kennebec Journal report](#) on proficiency-based education, a new model for education that may become mandatory for all Maine public schools. Fairman said the new model could put Maine on the path to ensuring that all high school graduates have the knowledge and skills they need. She also said she was concerned about the feasibility for schools. Contact: Jessica Bloch, (207) 581-3777

Gardening Class Featured in Newspaper

26 Mar 2012

[The Lewiston Sun Journal reported](#) on a University of Maine Cooperative Extension class on growing community and school gardens. UMaine Extension educator Barbara Murphy led the class, and told participants warm Maine winters the past few years are wreaking havoc on gardens because many insects, such as the potato beetle, don't die in the numbers they usually do, and that the growing season is becoming longer every year, enabling these and other insects to

produce several generations. Contact: Jessica Bloch, (207) 581-3777

Brewer Comments in AP Report on Senate Race

26 Mar 2012

UMaine political scientist Mark Brewer [commented in an Associated Press report](#) about the GOP primary for Maine's open U.S. Senate seat. Brewer said Republican candidate Scott D'Amboise could benefit if the rest of the GOP candidates split the mainstream, establishment vote. [The Central Maine Morning Sentinel](#) and [New England Cable News website](#) also ran the report. Contact: Jessica Bloch, (207) 581-3777

Head Injury Treatment Highlighted in Newspaper

26 Mar 2012

[The Bangor Daily News reported](#) on UMaine's approach to diagnosis and treatment of head injuries to student-athletes. According to the article, UMaine head athletic trainer Paul Culina said UMaine has been on the cutting edge of diagnosing and treating athletes who suffer concussions. Contact: Jessica Bloch, (207) 581-3777

Kaye Interviewed for Social Work Today Article

26 Mar 2012

Len Kaye, director of the University of Maine Center on Aging, was interviewed for an article on caregivers in the [March/April issue of Social Work Today](#). Kaye discussed the large population of male caregivers, whose numbers are generally underestimated, he said. Contact: George Manlove, (207) 581-3756

2012 Juried Student Art Exhibition Opens March 30

26 Mar 2012

The 2012 Juried Student Art Exhibition in the Department of Art at the University of Maine will be on view from Friday, March 30 to Friday, April 27 in the Lord Hall Gallery. The annual exhibit provides undergraduate students at all levels a showcase for their work. More than 70 works were selected from more than 300 submissions in a range of media, including paintings, drawings, prints, photographs, collage, design, digital media, sculpture and ceramics. Approximately 40 awards will be given at a March 30 opening reception from 5:30 to 7:00 p.m. The community, family and friends are invited. For information, contact the Department of Art at (207) 581-3245, or [visit the department website](#). Contact: UMaine Department of Art, (207) 581-3245

Dill in TV News Report on Tick Proliferation

26 Mar 2012

[Channel 7 \(WVII\)](#) interviewed University of Maine Cooperative Extension pest management specialist and professor of biological sciences Jim Dill about the spring proliferation of ticks, along with ways to protect animals and people from the blood-sucking insects, for a broadcast on today's 7 a.m. news report. Contact: George Manlove, (207) 581-3756

Extension's Moran in AP Report on Sudden Temperature Dip

26 Mar 2012

Renae Moran, University of Maine Cooperative Extension educator and fruit tree specialist at Highmoor Farm in Monmouth, was [interviewed for an Associated Press](#) article on the drop in temperatures after an extended period of above-average warmth. She said apple tree buds are not far enough along to be compromised by the cold at this point. Contact: George Manlove, (207) 581-3756

Martin Column on Free Speech in Columbia Review

27 Mar 2012

In his latest column on the [Columbia Journalism Review website](#), Justin Martin, a UMaine College of Liberal Arts and Sciences Honors preceptor of journalism, wrote about certain countries' laws that make the denial of genocide a crime, therefore limiting free speech. Martin argues that banning one form of speech for ostensibly noble reasons makes it easier to subsequently ban other forms of speech, evidenced by the fact that countries that banned Holocaust denial in time moved to ban broader denial of crimes against humanity. Contact: Jessica Bloch, (207) 581-3777

Channel 7 Airs Klimis-Zacas Blueberry Interview

27 Mar 2012

[Channel 7 \(WVII\)](#) aired an interview with UMaine researcher and professor of clinical nutrition Dorothy Klimis-Zacas on the health benefits of wild blueberries on its 6 p.m. newscast Monday. Klimis-Zacas discussed her research into the connection between blueberries and cardiovascular health. Contact: George Manlove, (207) 581-3756

Yarborough Comments in MPBN Blueberry Crop Report

27 Mar 2012

Comments by David Yarborough, University of Maine Cooperative Extension professor and blueberry specialist, were included in a Monday report by Maine Public Broadcasting Network on Maine's 2011 blueberry harvest. Last year's crop was about 100,000 pounds more than 2010, but \$20 million more valuable because the field price for blueberry growers was almost 25 percent higher, Yarborough said. Contact: George Manlove, (207) 581-3756

Scientist-Author to Speak About the Deep Future of Life on Earth

27 Mar 2012

Curt Stager, an adjunct professor in the University of Maine's Climate Change Institute, will speak Thursday at UMaine about the very long-term effects of global warming. The talk starts at 7 p.m. and will be held in Room 100 in the DP Corbett building. In his book, "Deep Future: The Next 100,000 Years of Life on Earth," Stager argues that fossil fuel emissions will interfere with climates for much longer than most people, including scientists, realize. In the best-case scenario, according to the book, the world won't fully recover for tens of thousands of years. Stager is a paleoecologist, educator and science journalist whose research has centered on the climatic history of Africa, Peru and the Adirondack-Champlain region of New York. He also teaches natural sciences at Paul Smith's College in Paul Smiths, N.Y. Thursday's talk is sponsored by the Climate Change Institute and UMaine's Department of Anthropology. Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

New Internship Program Matches Students with Growing Maine Companies

27 Mar 2012

The University of Maine's Foster Center for Student Innovation is seeking motivated, innovative Maine college students and Maine companies who want to make a difference for Maine through a new internship program supported by the Blackstone Charitable Foundation. The Innovate for Maine program, which is now accepting applications, offers paid internship positions that place students with companies to receive training in innovation and entrepreneurship and real-world job experience. Other benefits include potential academic credit and networking opportunities with Maine businesses and other students. For more information and to download the application form, go to <http://foster.target.maine.edu/the-center/events/102-internships-now-available>. Applications are also available for Maine companies looking for summer interns. Innovate for Maine will match interns with companies developing innovative new products or services and seeking to significantly grow revenues and employment. Based on company size, the

initiative will assist companies with matching funds to support an intern. For more information on matching funds and to download the application form, visit <http://foster.target.maine.edu/the-center/events/108-summer-intern-for-your-business>. Innovate for Maine interns will participate in an intensive week of preparation before beginning their internships. The mandatory “boot camp” will include training in UMaine’s cutting-edge program in Innovation Engineering, a systematic process for developing and testing breakthrough innovations. In addition, students will learn more about Maine’s entrepreneurial landscape and the Blackstone Accelerates Growth project and network with entrepreneurial leaders. The Innovate for Maine initiative is funded by Blackstone Accelerates Growth, a \$3 million, three-year initiative designed to provide Maine entrepreneurs leading start-up and existing companies the coaching and training they need to accelerate growth. The project is funded by the Blackstone Charitable Foundation through its five-year Entrepreneurship Initiative, which is dedicated to fostering innovation that leads to significant economic and job growth. “There are a number of Maine companies developing new innovations that are eager for talented students who understand the innovation process,” said Renee Kelly, co-director of the Foster Center. “By matching students trained in innovation engineering with these companies, we hope to help the companies grow while helping Maine students see that there are great opportunities to work and stay in Maine after they graduate.” The application deadline for student internships is March 30. The deadline for companies to apply for interns is April 13. Innovate for Maine is open to students who are matriculated in a degree program attending any college in Maine and students originally from Maine attending college elsewhere. Interns can work full- or part-time during the summer, part-time during the academic year, and in some cases students may be able to work for the summer and continue their internships during the academic year. For more information about UMaine’s innovation engineering program, go to <http://foster.target.maine.edu/students/what-is-innovation-engineering>. Contact: Renee Kelly, rekelly@maine.edu or (207) 581-1401; Jessica Bloch, jessica.bloch@umit.maine.edu or (207) 581-3777

Liberal Arts and Sciences Announces Faculty Awards

28 Mar 2012

The College of Liberal Arts and Sciences at the University of Maine has announced the recipients of its Outstanding Faculty Awards in the areas of teaching and advising, research and creative achievement, and service and outreach. Michael Howard, professor of philosophy, is the recipient of the Outstanding Teaching and Advising Award. Howard’s research in social and political philosophy focuses on theories of justice, global justice, basic income, environmental justice, economic democracy and socialism. Howard Segal, the Bird and Bird Professor of History, is the recipient of the Outstanding Research and Creative Achievement Award. He has a national and international reputation in the field of the history of science and technology. Segal’s research focuses on visions of future societies based on scientific and technological developments and on the connections with the existing societies that have generated them. Harlan Onsrud, recipient of the Outstanding Service and Outreach Award, is professor of spatial informatics in the School of Computing and Information Science and a research scientist with the National Center for Geographic Information and Analysis (NCGIA). Onsrud has been an exceptional leader in outreach and public service with his contributions encompassing countless activities on campus, in the state, nationally and internationally, according to Jeffrey Hecker, dean of the College of Liberal Arts and Sciences. A reception to honor this year’s College of Liberal Arts and Sciences outstanding faculty members is planned for 3:30 p.m. on April 25 in the McIntire Room of the Buchanan Alumni House. For more information on the college, please visit <http://www.umaine.edu/las/>.

Patches, Kinghorn Discuss Arts on Radio Show

28 Mar 2012

John Patches, executive director of UMaine’s Collins Center for the Arts, and George Kinghorn, director of the University of Maine Museum of Art, were guests Wednesday morning on the George Hale/Ric Tyler Show on WVOM radio. Patches and Kinghorn discussed arts and their impact on the local economy. Contact: Jessica Bloch, (207) 581-3777

Tidal Research Noted in Newspaper Report

28 Mar 2012

Seacoast Online, a website of newspapers covering southern Maine and northern New Hampshire, [had a story](#) about York, Maine company Rohrer Technologies Inc., which received in February a \$25,000 Maine Technology Institute grant to work with UMaine's Department of Mechanical Engineering. The company and UMaine will conduct advanced computer simulations that will help fine-tune the design of a device to harness tidal power for electricity. John Rohrer, who owns the company, said he felt it was appropriate to work with UMaine because the grant money is coming from Maine taxpayers. Contact: Jessica Bloch, (207) 581-3777

Brewer Comments in Story About Senate Race Conflicts

28 Mar 2012

In a [Maine Public Broadcasting News radio story](#) about the race for Maine's open U.S. Senate seat, UMaine political scientist Mark Brewer was quoted about a particular candidate's potential conflict of interest issues. Brewer said there has to be some way in which to know if steps or safeguards are not being followed or if they're breached in any way. Contact: Jessica Bloch, (207) 581-3777

Website Notes Loan to Process Development Center

28 Mar 2012

The website Mass High Tech reported that UMaine's Process Development Center has received a development loan of \$99,660, matched with \$113,000, to further develop and license its process technologies to produce a novel nanocellulose-based release paper in conjunction with its development partner, Stirling Consulting Inc. Nanocellulose is said to have benefits over other nanomaterials, including lower cost and low toxicity, the website reported. Contact: Jessica Bloch, (207) 581-3777

Journalism Faculty Member Comments on Media Ownership

28 Mar 2012

Justin Martin, a UMaine College of Liberal Arts and Sciences-Honors College preceptor of journalism, was quoted in a [Bangor Daily News article](#) about the news that financier Donald Sussman has acquired a larger share of Maine Today Media, the company that owns and operates the Portland Press Herald and other properties. Martin said he was less worried than some about the ownership trends in newspapers, but it is also troubling that a number of news organizations with powerful owners often don't completely cover their owners' business interests. Contact: Jessica Bloch, (207) 581-3777

BDN Report on Innovation Engineering Internships

28 Mar 2012

A [Bangor Daily News article](#) reported on new student internships and funds for Maine companies to hire interns available from UMaine's Foster Center for Student Innovation and the Blackstone Charitable Foundation. Renee Kelly, co-director of the center, said the Innovate for Maine program marries together UMaine's Innovation Engineering program, which trains students across numerous disciplines to think and act innovatively, along with the university's and Blackstone's goal of creating a pipeline of Maine entrepreneurs that eventually will benefit the state's economy. Contact: Jessica Bloch, (207) 581-3777

Newspaper Report on Women's Basketball Recruiting Trip

29 Mar 2012

[The Bangor Daily News has a report](#) about UMaine women's basketball coach Richard Barron, who is undertaking a major recruiting trip through 10 countries. Barron will have visited Italy, Serbia, Finland, Sweden, Norway, Germany,

England, Israel, Latvia and Belgium before returning to Maine. He told the BDN that Europe is the best place to get the best players right now for the Black Bears. Contact: Jessica Bloch, (207) 581-3777

Westbrook Band Featured in Article About Inauguration Festivities

29 Mar 2012

The Westbrook High School Symphonic Band was the subject of a [story in the weekly American Journal](#), which noted the band will play at a Wednesday, April 11 event to kick off the inauguration of UMaine President Paul W. Ferguson. The band will play alongside the University of Maine Symphonic Band in a free concert at 7 p.m. at Merrill Auditorium in Portland. Contact: Jessica Bloch, (207) 581-3777

WABI Reports on Benefit Hockey Game

29 Mar 2012

Paul Culina, the head trainer for UMaine athletics, was interviewed Thursday morning on Bangor TV station WABI about the Sgt. Leroy Patterson Scholarship Fund Benefit Hockey Game, which is scheduled for 6 p.m. Sunday, April 1 at Alford Arena. Patterson, who died in January, was a 33-year veteran of the UMaine Department of Public Safety. Admission to the game is free but donations will be accepted at the door, according to the story. Contact: Jessica Bloch, (207) 581-3777

Basketball Coach to be Featured on ESPN Show

29 Mar 2012

University of Maine women's basketball coach Richard Barron will be featured in an upcoming episode of the ESPN show "Outside the Lines." The show is scheduled to air at 3 p.m. on April 3. Barron was interviewed about Title IX and the use of male students as practice players for women's basketball teams, among other topics. This is the 40th anniversary of the passage of Title IX, the landmark legislation that prohibits discrimination in any educational program or activity receiving federal financial assistance. "Outside the Lines," which is hosted by veteran sportscaster Bob Ley, is an award-winning series that focuses on issues beyond the playing field. Contact: Tyson McHatten, (207) 581-3596 or Jessica Bloch, (207) 581-3777

Leroy Patterson Memorial Scholarship Hockey Fundraiser April 1

29 Mar 2012

A benefit hockey game to raise funds for a scholarship created by the friends and family of former University of Maine police officer Leroy Patterson is scheduled for 6 p.m. Sunday, April 1 at UMaine's Alford Arena. The scholarship fund will benefit financially eligible students who attended Bangor High School, have participated in a sports program and have contributed to community service endeavors. The game between Third Watch Hockey Team and UMaine Selects is free but donations will be accepted at the door. Third Watch is a Brewer men's hockey league team consisting of area emergency personnel. UMaine Selects comprises UMaine faculty, staff, friends and alumni, including men's hockey coach Tim Whitehead, football head coach Jack Cosgrove and associate men's hockey coach Bob Corkum. Donations to the Sgt. Leroy Patterson Memorial Scholarship Fund also can be made online at www.umaine.edu/give, or by telephone at 207-581-1148. Patterson, a Bangor High School athletic standout, was a member of the UMaine Department of Public Safety from 1977 until his retirement in May 2010. He died in January from cancer. Contact: Division of Student Affairs, (207) 581-4284

UMaine Student Wins National Short Story Award

29 Mar 2012

University of Maine graduate student Brad Beauregard of Skowhegan has been named winner of the national Glimmer

Train Stories January Competition for his short story "What's Kept." Glimmer Train Stories is a quarterly magazine that receives nearly 40,000 submissions a year. Past contributors include many distinguished American authors. Beauregard earned a UMaine BA in English, with a concentration in creative writing, and will complete his master's in English, with a creative writing concentration, in May. Beauregard also has received an Abby Sargent Neese Kelly Scholarship in Creative Writing and a Steve Grady Award for fiction. Contact: George Manlove, (207) 581-3756

BDN Advances Islamic Awareness Weekend at UMaine

29 Mar 2012

[The Bangor Daily News](#) today carried an article advancing UMaine's Muslim Students Association's Islamic Awareness Weekend activities. Discussions and events are planned March 30 and March 31. Contact: George Manlove, (207) 581-3756

UMaine's Abbott Named a Hobey Baker Award Finalist

29 Mar 2012

University of Maine hockey player Spencer Abbott was named Thursday morning one of three finalists for the Hobey Baker Memorial Award, which is given annually to college hockey's top player. The Hobey Baker Memorial Committee announced the three finalists, known as the Hobey Hat Trick. This year's Hobey Baker Memorial Award winner will be announced at 6 p.m. on Friday, April 6 during the NCAA Frozen Four. The 32nd annual announcement will be aired live on the NHL Network at 6 p.m. EST, and at the [Hobey website](#). Abbott, who is a senior forward from Hamilton, Ontario, leads the nation in scoring and assists. A recruited walk-on four years ago, Abbott was named the Player of the Year in Hockey East as well as a first-team all-star. The Black Bear assistant captain scored 21 goals and assisted on another 41 for 62 total points, which earned him the conference scoring title and two player of the month honors while piling up 18 multiple-point games. Abbott is a family relations major and has been on the dean's list three times. He is active in the community helping with Special Olympics, assisting at youth hockey clinics and participating in charity games. Abbott signed on Wednesday a contract with the Toronto Maple Leafs. Jack Connolly, a senior forward from University of Minnesota-Duluth, and Austin Smith, a senior forward from Colgate University, are the other members of the Hobey Baker Hat Trick group. Contact: Jessica Bloch, (207) 581-3777

Women's Resource Center Celebrates 20 Years of Activism

30 Mar 2012

The Women's Resource Center at the University of Maine, lead organization for the Maine Girls Collaborative Project, has been selected as one of just three sites nationally to pilot FabFems, a collaborative program aimed at strengthening interest regionally among middle school and high school girls in careers in science, technology, engineering and math, or STEM. The announcement comes as the Women's Resource Center marks its 20th anniversary. The center supports the interests of women and girls on issues that include career development, pay equity, reproductive rights and violence prevention. FabFems will recruit groups of girls statewide to participate after school and over the summer in live, online discussions with professional women working in STEM careers. With training and support from FabFems, participating professionals will discuss their own careers, dispel stereotypes and encourage girls to pursue STEM coursework and careers. The pilot will run through the end of September, 2012. FabFems is funded by the National Girls Collaborative Project, the Motorola Solutions Foundation, Platform Shoes Forum, and the Smith College Summer Science and Engineering Program. In recognition of the anniversary of the Women's Resource Center, Lyn Mikel Brown, a community activist and professor of education and human development at Colby College, will give a public talk at 2 p.m. on Thursday, April 12 at UMaine's Buchanan Alumni House. An expert on the social and psychological development of girls, Brown will speak on the importance of empowering girls to take control of their lives and to assume leadership roles in countering negative cultural attitudes toward girls and women. Her talk is free and open to the public, and will be followed by a reception. Brown is the author and co-author of several books, including "Meeting at the Crossroads: Women's Psychology and Girls' Development," a New York Times Notable Book of the Year; "Packaging Girlhood: Rescuing Our Daughters from Marketers' Schemes"; and most recently, "Packaging Boyhood:

Saving Our Sons from Superheroes, Slackers and Other Media Stereotypes." In 2000, Brown spent a year at UMaine as a scholar-in-residence associated with the Women's Resource Center. That collaboration, funded with a national grant from AAUW, led her to research and write the book, "Girlfighting: Betrayal and Rejection Among Girls," published in 2005. Brown received her doctorate from Harvard University in Human Development and Psychology and was a founding member of the Harvard Project on Women's Psychology and Girls' Development. She is the co-sponsor of the SPARK movement – Sexualization Protest: Action, Resistance, Knowledge – aimed at supporting girls' healthy sexual development. She also is the founder of Hardy Girls, Healthy Women, a Maine-based nonprofit that works with communities and organizations to promote activism and critical thinking among girls and the adults who support them. The Women's Resource Center was founded in 1992 with a mission of supporting women's issues at the University of Maine and around the state. There will be a reception and book signing after Brown's presentation, followed by a celebration of the Women's Resource Center's 20 years at the University of Maine. Visit the center on line for more information. Contact: Meg Haskell, 207-581-3766

Athletics Notes in Newspaper

30 Mar 2012

[The Bangor Daily News](#) had a roundup of news and notes from UMaine athletics, including the announcement that women's basketball coach Richard Barron will make an appearance next week on the ESPN show "Outside the Lines." Also mentioned was the UMaine softball team's new fundraising project selling commemorative bricks to fund improvements at Kessock Field. The second annual Weight Watchers Black Bears of Tomorrow, which will bring 500 fifth graders from across Maine to the Orono campus, was also included in the roundup. Contact: Jessica Bloch, (207) 581-3777

Oceanographers Featured in AP Report

30 Mar 2012

In an Associated Press report that ran in the [Boston Herald](#), UMaine oceanographers Jeffrey Runge and Dave Townsend were interviewed about this winter's rise in air temperatures, which has caused the water temperatures in the Gulf of Maine to rise. In the report, which noted that warmer water could result in lobsters molting their shells early and ocean algae blooming ahead of schedule, Runge said temperature affects all life processes, but it's too soon to say if changes brought on by rising water temperatures will be good or bad. Townsend told the AP it's important to look at all angles to determine what will be the effects of warming water. Contact: Jessica Bloch, (207) 581-3777

TV Report on Innovation Engineering Internships

30 Mar 2012

[Bangor TV station WLBZ aired a story](#) about the new Innovate for Maine internship program for students and companies interested in entrepreneurship and innovation. UMaine's Foster Center for Student Innovation and the Blackstone Charitable Foundation are sponsoring the program. Renee Kelly, co-director of the Foster Center, was interviewed for the report, as was UMaine senior Nate Wildes, a political science major who is minoring in Innovation Engineering. Wildes said the program allowed him to be creative in a lot of different fields and be more hands-on in his own internship experiences through the program. Contact: Jessica Bloch, (207) 581-3777

Advance on Labor History Discussion

30 Mar 2012

UMaine labor historian Charles Scontras will be part of a panel discussion about Cesar Chavez, the labor activist who formed United Farm Workers 50 years ago, [according to an advance](#) in the Portland Daily Sun. A day of events to remember and honor Chavez will be held Saturday in Portland. Contact: Jessica Bloch, (207) 581-3777

>Economist Comments About Lagging Economic Growth

30 Mar 2012

Todd Gabe, a UMaine economist, was quoted in a [Bangor Daily News article](#) about the announcement that Maine's earnings growth is ranked the worst among states. Gabe told the BDN his research has found areas that the economy places less value on today include sectors such as agriculture, construction, low-end manufacturing, fishing and forestry — areas that traditionally have been Maine's strengths. Sectors that are valued include computer and mathematical occupations, business, financial and professional services careers, and other high-tech jobs. Contact: Jessica Bloch, (207) 581-3777

Press Herald Column on Patterson

30 Mar 2012

[The Portland Press Herald ran a column](#) about Sunday's benefit hockey game for a scholarship in honor of Leroy Patterson, a 33-year veteran of the UMaine Department of Public Safety who died in January. Paul Culina, UMaine's head athletic trainer, said Patterson was the epitome of what a university police officer should be. UMaine football coach Jack Cosgrove, who will participate in the fundraiser, was also interviewed for the story. See a [UMaine news release](#) for more information about the event. Contact: Jessica Bloch, (207) 581-3777

UMaine Museum of Art Announces Spring Exhibitions

30 Mar 2012

The University of Maine Museum of Art will celebrate spring with three new exhibitions and the latest rotation of the museum's permanent collection beginning April 6. The new exhibits will run through June 9.

Admission is free in 2012 thanks to the generosity of Machias Savings Bank. Featured artists include Boston-based photographer John Goodman; Australian artist Ruth Marshall, now of New York City, who creates life-size pelts of various animals using colored wool yarn; and British-born Maine sculptor and ceramic artist Jemma Gascoine. Contact: Kathryn Jovanelli, (207) 561-3350

UMaine Child Development Center Now Nationally Accredited

30 Mar 2012

The Katherine Miles Durst Child Development Learning Center at the University of Maine recently earned accreditation from the National Association for the Education of Young Children (NAEYC). The center is one of the oldest university-affiliated laboratory schools in the country, providing students in UMaine's education and early childhood programs the opportunity to learn through teaching and observation. "It's important for us to have the best possible experience for the children and for the UMaine students who observe and work in this environment," says the center's director, Margo Brown. "This accreditation shows that we're holding our school, our students and our staff to the highest standard, and it gives our students the opportunity to teach in a licensed and accredited classroom." To earn the accreditation, the center went through an extensive self-study process, measuring the program and its services against 10 NAEYC Early Childhood Program Standards and more than 400 accreditation criteria. It was a three-year process. The center is one of 59 NAEYC-accredited programs in Maine. Contact: Kristen Andresen, tel: 207-581-3742

Chilean Expedition Featured in Newspaper

30 Mar 2012

A recent expedition to Chile by Paul Mayewski, director of UMaine's Climate Change Institute, and a team of other UMaine scientists, was [featured in the Bangor Daily News](#). The article noted the group drilled ice cores in a crater inside an active volcano. Mayewski told the BDN the region is important because the glaciers there are one of the

primary water sources for the growing city of Santiago. Andrei Kurbatov, an assistant research professor who was on the trip, said ice core samples can even reveal a picture of how changes humans have made in just the past few decades have affected contaminants in the atmosphere. Contact: Jessica Bloch, tel: (207) 581-3777

UMaine Statistician Interviewed for Mega Millions Story

30 Mar 2012

Bill Halteman, professor of mathematics and statistics at the University of Maine, was interviewed by the Lewiston Sun Journal for a story on the Mega Millions lottery, which is prompting unprecedented ticket sales in 43 states and territories because of the \$640 million jackpot. Halteman calculated the odds of winning at 1 in 175.7 million. Contact: George Manlove, (207) 581-3756

UMaine Woodsmen's Team Competition March 31

30 Mar 2012

ORONO -- The University of Maine School of Forest Resources Woodsmen's Team will host the 2012 Timbersports Meet Saturday, March 31 on the Orono campus. College teams from throughout the Northeast and Canada will compete in axe throwing, cross-cut and bow saw events, log roll, fire building, speed chop, pulp toss and pole climbing. The free public event starts at 8 a.m. and ends with an awards ceremony at 5 p.m. The meet will take place in the field between Nutting and Libby halls on Grove Street Extension. A schedule of events is on the [Woodsmen's Team website](#). Contact: George Manlove, (207) 458-9296

Food Drive Featured in TV Report

02 Apr 2012

A food drive being held at the University of Maine Cooperative Extension Hancock County office in Ellsworth was the subject of a story on Bangor TV station WLBZ. UMaine Extension educator Marjorie Peronto said the food drive, which ended this week, will help local food pantries and soup kitchens in the county, which have seen a rise in the number of people using their services. Contact: Jessica Bloch, (207) 581-3777

Researcher Noted in Release on Global Fishing Study

02 Apr 2012

Bob Steneck, a professor in UMaine's School of Marine Sciences, was [listed in a news release](#) as being part of a task force studying the impact of global fishing. The Lenfest Forage Fish Task Force released on April 1 its recommendation that fishing for herring, anchovy, and other forage fish in general should be cut in half globally to account for their critical role as food for larger species. The report was [noted in the New York Times](#) and [the Washington Post](#). Contact: Jessica Bloch, (207) 581-3777

Newspaper Runs AP Story on Water Temperatures

02 Apr 2012

UMaine oceanographers Jeffrey Runge and Dave Townsend were [quoted in an Associated Press story](#) that ran in the Gloucester Times of Massachusetts about the impact of warm Gulf of Maine water on species. Runge and Townsend said the rising water temperatures in the gulf could have an impact on species, but what that impact may be is unknown. Contact: Jessica Bloch, (207) 581-3777

Student Op-Ed on Domestic Violence

02 Apr 2012

[The Kennebec Journal published an opinion piece](#) written by Christine Crittenden, a graduate student in the UMaine School of Social Work, about domestic violence. Crittenden writes that Maine lawmakers should support L.D. 1867, the Act to Protect Domestic Violence Victims. Contact: Jessica Bloch, (207) 581-3777

Women's Resource Center Featured in Newspaper

02 Apr 2012

The [Bangor Daily News has a feature story](#) about UMaine's Women's Resource Center, which is celebrating its 20th anniversary this year. Sharon Barker, director of the center, was interviewed for the story, as was Lu Zeph, interim associate provost and dean of the division of lifelong learning. For more information about the anniversary, [see a UMaine news release](#). Contact: Jessica Bloch, (207) 581-3777

Extension's Rebar Op-Ed Extolls Program Benefits

02 Apr 2012

An opinion column in the weekend edition of the [Bangor Daily News](#) by University of Maine Cooperative Extension Director John Rebar discussed the resurgence of farming in Maine and the role UMaine Extension researchers play in helping farmers and food producers with the latest science-based advice and agricultural methodology, in addition to nutritional food choice options for the public. In the past decade, Rebar writes, Maine has seen the number of farms grow by 1,000 and 1.3 million acres are now in agricultural use. Contact: George Manlove, (207) 581-3756

Maine Poet Laureate McNair Multimedia Presentation April 4

02 Apr 2012

ORONO – Maine Poet Laureate Wesley McNair will make a multimedia presentation at 7 p.m. on Wednesday, April 4 at the University of Maine's Donald P. Corbett Building, Room 100. The public is invited to the free event. His presentation "The Making of a Poet" will explore his development and rise as a nationally recognized poet. McNair, emeritus professor of creative writing at the University of Maine at Farmington and writer in residence at Colby College, became poet laureate of Maine in 2011. He has authored nine collections of poetry, most recently "Lovers of the Lost: New and Selected Poems," and three books of prose, including a forthcoming memoir, "The Words I Chose." He has edited several anthologies of Maine writing and served as guest editor of the 2010 Pushcart Prize Annual. Copies of McNair's poetry and prose will be available for purchase for author signings after the presentation. McNair's visit to UMaine is co-sponsored by the Distinguished Lecture Series, the Lloyd Elliott Fund and UMaine's University Bookstore. For additional information, contact professor Judy Hakola in the UMaine English Department at 207-866-4091, email judyhak@maine.edu, or visit the [University Bookstore website](#). Contact: Professor Judy Hakola, judyhak@maine.edu, (207) 866-4091.

Marine Scientist Part of Task Force on Global Fishing

03 Apr 2012

University of Maine marine scientist Robert Steneck is a member of a task force that recently announced a recommendation to halve global fishing for crucial prey species such as herring, anchovy and other species known as forage fish. The Lenfest Forage Fish Task Force released on April 1 its report, "Little Fish, Big Impact: Managing a crucial link in ocean food webs." According to a news release from the Pew Charitable Trusts, which manages the Lenfest Ocean Program, the report concluded that in most ecosystems at least twice as many of these species should be left in the ocean as conventional practice. Forage fish are small schooling fish that are a crucial link in ocean food webs because they eat tiny plants and animals, called plankton, and are preyed upon by animals such as penguins, whales, seals, puffins and dolphins. They are also primary food sources for many commercially and recreationally valuable fish found around North America, such as the Maine lobster (as bait), salmon, tuna, striped bass, and cod. The task force estimated that globally, forage fish are twice as valuable in the water as in a net — contributing \$11.3 billion by serving

as food for other commercially important fish. This is more than double the \$5.6 billion they generate as direct catch. Made up of 13 preeminent scientists with expertise in a wide range of disciplines, the Lenfest Forage Fish Task Force was established to generate specific and practical advice to support better management of forage fish around the world. This group of experts, with support from the Lenfest Ocean Program, synthesized scientific research and other information about these species and conducted original simulation modeling to reach their conclusions. Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

UMaine Student in Story on Goldwater Award Winners

03 Apr 2012

UMaine student Erin Victoria Carter has won a scholarship from the Barry M. Goldwater Foundation, [according to a story](#) in the Bangor Daily News. Carter, who is majoring in biochemistry and molecular/cellular biology, hopes to get a doctoral degree in immunology or molecular biology, and her career goal is to conduct AIDS or autoimmune disease research for a university or other research facility. There were 282 Goldwater scholarships awarded nationwide for the 2012-2013 academic year. The purpose of the foundation is to provide a continuing source of highly qualified scientists, mathematicians and engineers by awarding scholarships to college students who intend to pursue careers in these fields. Contact: Jessica Bloch, (207) 581-3777

Martin Column on Jailing of Journalists

03 Apr 2012

Justin Martin, a UMaine College of Liberal Arts and Science-Honors College preceptor of journalism, has a column in the [Columbia Journalism Review](#) examining countries that jail journalists. Martin found comparing a country's jailed, killed, or exiled journalists to population size can shed light on how aggressively that government targets and disposes of reporters. Contact: Jessica Bloch, (207) 581-3777

Wolff Book Listed as a 'Hot Read'

03 Apr 2012

[The Daily Beast](#) has listed a book by UMaine art historian Justin Wolff as a "Hot Read" on its website. The review of "Thomas Hart Benton: A Life" called the book a definitive biography of America's first major painter. Contact: Jessica Bloch, (207) 581-3777

Maine Sea Grant Research Event on Thursday

03 Apr 2012

The University of Maine-based Maine Sea Grant will hold the Marine Science with Impact: Maine Sea Grant Biennial Research Symposium from 1 p.m. to 5 p.m. on Thursday, April 5 at Buchanan Alumni House on the UMaine campus. The event is free and open to the public. Paul Anderson, the director of Maine Sea Grant, and James McKenna, the Maine Sea Grant assistant director for research, will speak. Researchers from UMaine and Bates College will present new research projects and there will be a panel discussion with Sea Grant researchers who are completing recent research projects. New investigators will discuss their research plans and opportunities for community engagement, outreach of project outcomes and ways to enhance impacts. There will also be a poster session and reception featuring Maine seafood. Contact: Jessica Bloch, (207) 581-3777

Political Scientist Comments on General Election

04 Apr 2012

Mark Brewer, a UMaine political scientist, was interviewed by the [Reuters news service](#) for a report on what seems now to be the start of the general election race. Brewer said April to November in American politics is a long time. The story

also appeared on the website of the [Telegraph newspapers](#) of the United Kingdom. Contact: Jessica Bloch, (207) 581-3777

American Historian Kazin to Speak at UMaine

04 Apr 2012

Georgetown University history professor and historian of American politics Michael Kazin will speak Tuesday, April 10 at the University of Maine about his latest book, "American Dreamers: How the Left Changed a Nation." Presented by the University of Maine Department of History and the Michiah Center, a nonprofit center for the humanities and social justice in New Gloucester, Kazin's appearance is free and open to the public. His talk is from 3:15 p.m. to 5 p.m. in Hill Auditorium in Barrows Hall on the Orono campus. Kazin's talk will take his audience from abolitionism and early feminism to the labor struggles of the industrial age, through the emergence of anarchists, socialists and communists, and to the new left in the 1960s and 1970s. Contact: George Manlove, (207) 581-3756

Gabe Economy Analysis in BDN Editorial

04 Apr 2012

University of Maine School of Economics professor Todd Gabe was interviewed for a [Bangor Daily News editorial](#) discussing the types of jobs that need to be created to stabilize the Maine economy with well-paying employment. Gabe has researched the "creative economy" and "knowledge economy," and finds that regions without young, technologically savvy, artistically inclined and entrepreneurially driven people tend to experience business and wage growth stagnation. Contact: George Manlove, (207) 581-3756

Maine-Canada Trade Trends Subject of UMaine Conference

04 Apr 2012

More than a dozen experts from universities, government and business from both sides of the U.S.-Canada border will be at the University of Maine April 23-24 for a conference on increasing the region's bilateral trade, including an update on an east-west highway proposal in Maine. The two-day conference, "Cross-Border Economic Integration in the Northeast: Current Status, Future Prospects," will be held at Wells Conference Center, beginning at noon, Monday, April 23. Information about the April 17 registration deadline, cost, schedule, sponsors and participants are available on a conference website. Contact: Craig Harris, [\(207\) 581-4220](#)

Coverage of Fraternity Suspension

05 Apr 2012

Several media outlets covered Wednesday's announcement that UMaine has suspended the Sigma Nu fraternity for five years after an investigation found the fraternity had violated the university student conduct code. [The Bangor Daily News](#) interviewed Vice President for Student Affairs and Dean of Students Robert Dana, who said there are high expectations for UMaine students and student organizations and, in this case, those expectations have not been met. Bangor TV station WABI also had a report about the suspension. Contact: Jessica Bloch, (207) 581-3777

Kinghorn Mentioned in Story about Sculpture

05 Apr 2012

In a [Bangor Daily News story](#) about a sculpture that is slated to be moved from its current location in downtown Bangor to a location on the Bangor waterfront, University of Maine Museum of Art Director George Kinghorn was noted as being at a meeting during which the move was discussed. Kinghorn, who is the vice president of the Downtown Bangor Partnership Board, gave some advice about placing the sculpture on a higher base. Contact: Jessica Bloch, (207) 581-3777

McCleave Interviewed on Elvers

05 Apr 2012

University of Maine marine sciences professor emeritus James McCleave, a leading research authority on eels, was interviewed Wednesday for a [Channel 7 \(WVII\)](#) news report about elvers, the tiny eels harvested in Maine coastal waters, largely for sale to Asian markets where prices have exceeded \$2,000 per pound recently. Contact: George Manlove, (207) 581-3756

Kaye Comments in USA Today Magazine Story

05 Apr 2012

Comments from Len Kaye, director of the University of Maine Center on Aging, were included in an article on lifestyles and longevity in the April 2012 issue of [USA Today Magazine](#). Kaye says a sense of optimism and well-being can lead to positive long-term health effects. Contact: George Manlove, (207) 581-3756

UMaine's Sigma Nu Chapter Suspended

05 Apr 2012

Effective April 4, the University of Maine has suspended the Sigma Nu fraternity for five years for continued violations of the UMaine student conduct code. The most recent incident occurred March 18 and involved underage consumption of alcohol at the Sigma Nu fraternity house on Munson Road, according to Robert Dana, UMaine vice president for student affairs and dean of students. The UMaine chapter has seven days to appeal the university's decision to revoke the fraternity's recognition. At the end of the five-year suspension, the fraternity must submit a written petition for reinstatement, which must be approved by Student Affairs and UMaine's Interfraternity Council. UMaine's Delta Nu chapter of Sigma Nu was founded in 1913. Currently, 28 UMaine students are active members, 16 of whom live in the fraternity house. The in-house members will be offered on-campus housing, which will be available immediately. The chapter also lost university recognition from May 2003 to Sept. 15, 2005 for similar conduct code violations. "These violations of the UMaine's student conduct code are unacceptable and against our principles, and cannot be tolerated. These behaviors corrode the learning environment, and are against the values of community and leadership inherent to all Greek Letter Organizations," says Dana. "We have high expectations for our students and our student organizations, and, in this case, those expectations have not been met." Sigma Nu Fraternity Inc., the national organization that governs 177 active chapters and colonies on college campuses throughout the United States, has been directly involved and fully cooperated with UMaine's review of the local chapter. Contact: Robert Dana, 581-1406

Maine Sea Grant awards funding for marine research in the Northeast

06 Apr 2012

The Maine Sea Grant College Program at the University of Maine has announced the recipients of the latest two-year research funding awards from the National Oceanic and Atmospheric Administration (NOAA) National Sea Grant Office. More than \$600,000 will support nine research projects in the Northeast. "Science is an essential element of Sea Grant's public service, and this suite of projects will provide important discoveries that will benefit the people who live, work, and recreate on the coast of Maine," said Paul Anderson, director of the Maine Sea Grant program. Researchers from UMaine's School of Marine Sciences and Department of Communication and Journalism are involved in four of the five funded initiatives:

- Neal Pettigrew, UMaine: "General circulation and exchange between isolated regions in Casco Bay," \$115,124. Building on previously generated and newly collected oceanographic data, Pettigrew will characterize the major circulation features within Casco Bay to inform efforts to address ecological and economic threats.
- Richard Wahle and Charlene Bergeron, UMaine, and Christine Tilburg, Gulf of Maine Council on the Marine Environment's Ecosystem Indicator Partnership: "Maximizing the utility and impact of the American Lobster

Settlement Index database,” \$126,416.

The funds will support the first comprehensive analysis of the American Lobster Settlement Index database and its power to predict trends in juvenile and adult lobster populations.

- Gayle Zydlewski, James McCleave and Haley Viehman, UMaine: “Fish distribution in relation to tidal hydropower in Downeast Maine,” \$73,204. Zydlewski’s team plans to expand its existing tidal hydroelectric development research in the region to look at fish distribution and behavior in proximity to a cross-flow turbine device currently installed in Cobscook Bay.
- Laura Lindenfeld, UMaine: “The Seafood Links Project: Promoting sustainable seafood in Maine’s inland areas,” \$46,298. Using a mixed-methods social science approach, Lindenfeld will explore how consumers in Maine conceptualize seafood and its connections to “local” and “sustainable” food, and how this information can support new and expanded markets in inland areas.
- William Ambrose, Bates College, and Brian Beal, UMaine-Machias, “Variation in the growth of the soft-shell clam along the coast of Maine,” \$147,473. Ambrose and Beal will examine growth rates of wild clams and follow the growth of hatchery-reared juveniles in the wild.

In addition to the five Maine-based projects, Maine Sea Grant is supporting additional regional research projects through the Northeast Sea Grant Consortium. A total of \$597,356 in NOAA funds will support social science research projects in coastal and marine spatial planning, fisheries management and climate change adaptation. For more information go to <http://www.seagrant.umaine.edu/research>. Contact: Catherine Schmitt, (207) 581-1434 or catherine.schmitt@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Newspaper, Radio Feature Art Historian's Book

06 Apr 2012

UMaine art historian Justin Wolff's book "Thomas Hart Benton: A Life," about the Missouri artist Benton, was reviewed in the [Kansas City Star](#), with an [accompanying interview](#) with Wolff. The review called the book an "energetic and revelatory biography." Wolff was also interviewed about the book by [Kansas City National Public Radio station KCUR](#), which noted Wolff will speak next week about Benton at the Kansas City Library. Contact: Jessica Bloch, (207) 581-3777

Political Scientist Interviewed About Gov. LePage

06 Apr 2012

[Maine Public Broadcasting Network radio interviewed](#) UMaine political scientist Mark Brewer about Maine Gov. Paul LePage's recent struggles to get through his legislative agenda. Brewer said LePage's style seems to not permit him to compromise, and added that GOP lawmakers in Maine are hoping to avoid being seen as rubber stamps for the governor's agenda. Contact: Jessica Bloch, (207) 581-3777

Preview of Art Museum's New Exhibitions

06 Apr 2012

The [Bangor Daily News featured](#) the new exhibitions now on view at the University of Maine Museum of Art in Bangor. The exhibits include fiber and ceramic art that "shun categorization and raise questions about societal value of functional craft," according to the BDN, and an exhibit of "provocative and mysterious" photography. Contact: Jessica Bloch, (207) 581-3777

Red Tide Research Noted on Science Daily Website

06 Apr 2012

UMaine's red tide research was noted in a story on [Science Daily](#) about the forecast for a moderate New England red tide in spring and summer 2012. UMaine is part of a group of NOAA-funded organizations working in the Gulf of Maine to study the toxic algae that causes red tide blooms. Contact: Jessica Bloch, (207) 581-3777

UMaine to Host Network Meeting on Bird Migration

06 Apr 2012

The University of Maine will host on Thursday, April 12 the annual meeting of the Northeast Regional Migration Monitoring Network, a group of researchers including UMaine biologist Rebecca Holberton, who study the Gulf of Maine's migrating birds, many of whom face threats from climate change, on- and off-shore wind energy projects and habitat loss. The meeting will be held from 8 a.m. to 5 p.m. in the Woolley Room in UMaine's Doris Twitchell Allen Village (DTAV). It is not open to the public. Holberton and other UMaine researchers will be joined by representatives of network members, which include the U.S. Fish and Wildlife Service in Massachusetts, New Hampshire and Maine; U.S. Fish and Wildlife Maine Coastal Islands National Wildlife Refuge; Maine Department of Inland Fisheries and Wildlife; Acadia University in Nova Scotia; the Biodiversity Research Institute; North American consulting firm Stantec; the National Park Service; Canisius College in Buffalo, N.Y.; University of Massachusetts; and the Maine Natural History Observatory. About three dozen people are expected to attend with another dozen participating via conference call. The meeting will be an update of the network partners' ongoing and new research projects and information on funding. Network partners will also hear about new initiatives such as the Gulf of Maine Bird Observatory, a nonprofit organization being developed to lead on-campus educational programs and public outreach. The Gulf of Maine Bird Observatory will hold bird banding demonstrations on Saturday, May 12, at the Orono Bog Walk and the Schoodic Education and Research Center (SERC) at Acadia National Park in Winter Harbor. May 12 is International Migratory Bird Day. The Northeast Regional Migration Monitoring Network was established in 2010 in order to gain an accurate picture of migratory bird patterns and the birds' relationships with the region's habitats. Contact: Rebecca Holberton, (207) 669-2842; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Karen G. Cole: 1956-2012

09 Apr 2012

Karen G. Cole, an instructional equipment distribution clerk in Information Technologies at UMaine since 2003, died recently after battling pulmonary fibrosis, according to her obituary in the Bangor Daily News. She was born March 30, 1956, in Bangor, the daughter of Juanita Leland Ryan and Richard Ryan. Cole leaves behind two daughters, Caroline and Faith; and husband of 30 years, Stephen. She also is survived by her mother Juanita Ryan; brother Tim Ryan; her sisters- and brothers-in-law, Cindy and Ralph Spearing, Linda and Bob Averill, Barbara and Richard Modrey, and Melanie and Dennis Steward; along with her husband Stephen's family; and many nieces and nephews. Contact: George Manlove, (207) 581-3756

Promotion and/or Tenure for 29 UMaine Professors

09 Apr 2012

The University of Maine System Board of Trustees has approved promotion and/or tenure for 29 University of Maine faculty members. The professors, who represent the broad spectrum of UMaine academic programs, were nominated by University of Maine President Paul Ferguson after an extensive process reviewing their work in teaching, research and community service. "I am so very pleased to announce the most recent recipients of tenure and/or promotion," says President Ferguson. "This extensive peer-review process is a fundamental strength of the Academy and is designed to ensure both our commitment to the professional development of our faculty and to the growth and success of the University of Maine. We should all be proud of the wonderful accomplishments and successes of these outstanding faculty members." **Promoted to professor College of Liberal Arts and Sciences**

- Benjamin Friedlander, English
- Paul Grosswiler, Communication and Journalism

Jennifer Moxley, English

College of Natural Sciences, Forestry, and Agriculture

- Brenda Hall, Earth Sciences and Climate Change Institute
- Rebecca Holberton, Biological Sciences
- Michael Kinnison, Biological Sciences

Promoted to UMaine Extension professor

- Kathryn Hopkins

Promoted to associate professor College of Natural Sciences, Forestry, and Agriculture

- Joseph Zydlewski, Wildlife Ecology

Promoted to associate research professor College of Natural Sciences, Forestry, and Agriculture

- Gayle Zydlewski, School of Marine Sciences

Granted tenure at the rank of associate professor College of Natural Sciences, Forestry, and Agriculture

- Robert Lilieholm, Forest Resources

Promoted to associate professor with tenure College of Business, Public Policy, and Health

- Terry Porter, Management

College of Education and Human Development

- Victoria Susan Bennett-Armistead, Early Literacy
- Julie DellaMattera, Early Childhood Development and Education

College of Engineering

- Shaleen Jain, Civil and Environmental Engineering

College of Liberal Arts and Sciences

- Laura Artesani, Music
- Thane Fremouw, Psychology
- Kirsten Jacobson, Philosophy
- Michael Lang, History
- Justin Wolff, Art History
- Gregory Zaro, Anthropology and Climate Change

College of Natural Sciences, Forestry, and Agriculture

- Jeffrey Benjamin, Forest Operations
- Stephen Coghlan, Jr., Freshwater Fisheries
- Christopher Gerbi, Earth Sciences
- Brian McGill, Ecological Modeling
- Patricia Poirier, Nursing

Promoted to associate UMaine Extension professor with continuing contract

- Barbara Baker
- Debra Kantor
- Ellen Libby

Promoted to associate UMaine Extension professor with continuing contract and associate professor

- Beth Calder

Contact: Jessica Bloch, (207) 581-3777

U.S. News & World Report Interviews Fried on Senate Race

09 Apr 2012

University of Maine political scientist Amy Fried was interviewed for a [U.S. News & World Report](#) article evaluating the candidacy of former Maine Governor Angus King who is running for the U.S. Senate seat being vacated by the retiring Olympia Snowe. Contact: George Manlove, (207) 581-3756

Dill Comments on Pests

09 Apr 2012

James Dill, an entomologist with the University of Maine Cooperative Extension, was interviewed for a [Portland Press Herald story](#) about how the warm winter will impact pest populations. Dill said there are some pests, such as mosquitoes, ticks and white grubs, about which he fields more phone calls this time of year, which could pose some problems for homeowners this spring. Dill also gave recommendations on how to deal with the pests. Contact: Jessica Bloch, (207) 581-3777

Climate Change Research Mentioned in Story on Ticks

09 Apr 2012

A [Portland Press Herald report](#) on the outlook for ticks this spring included a reference to UMaine Climate Change Institute research. Although reported cases of Lyme disease in Aroostook County are low, the article said, the Maine Medical Center's Vector-borne Disease Laboratory in South Portland has used a 2011 model by the Climate Change Institute to predict that by 2050, a warming climate will lead to an increase in deer ticks throughout the state, even in northern areas. Contact: Jessica Bloch, (207) 581-3777

Political Scientist Comments on Newspaper Purchase

09 Apr 2012

UMaine political scientist Mark Brewer commented in a [Seacoast Online report](#) about the purchase of a 75-percent ownership stake in Maine Today Media by financier Donald Sussman, who is married to Congresswoman Chellie Pingree. Brewer said the purchase raises red flags and can't help but affect Pingree's future campaigns for office. Contact: Jessica Bloch, (207) 581-3777

Leadership Week Celebrates Inauguration of UMaine President Paul Ferguson

09 Apr 2012

A series of leadership events, academic activities, student research expositions and campuswide celebration will commemorate the inauguration of University of Maine President Paul W. Ferguson on April 19. Leadership Week, April 11-19, takes its theme from Maine's state motto, Dirigo, which is Latin for "I lead." The theme recognizes and celebrates the qualities of the UMaine community and the people of Maine, and affirms UMaine's statewide leadership

and commitment as Maine's flagship university. Leadership will be the focus of President Ferguson's inaugural address and the theme of a number of Leadership Week events, including the keynote address by renowned historian and author Doris Kearns Goodwin. All Leadership Week events are free and open to the public. "It seems most appropriate that as we officially commemorate the official change of leadership at this great university, that UMaine, as a community, take this Leadership Week to reflect on the role, challenges and impact that our leadership as Maine's flagship university can and should have in the future of Maine and the Nation," says President Ferguson. "My call to the campus will be to first serve, then lead." Leadership Week begins April 11 with the third annual Undergraduate Research and Academic Showcase, which will be held from 8 a.m. to 4:30 p.m. in Wells Conference Center. Organized by UMaine's Center for Undergraduate Research, the event will feature student research exhibits, oral presentations and performances, and academic posters. The evening of April 11 will feature a performance by UMaine's 38-member Symphonic Band, conducted by Christopher White, at Merrill Auditorium in Portland. Sharing the stage for the 7 p.m. concert will be the Westbrook High School Wind Ensemble, conducted by Kyle Smith. April 12-13 will be GradExpo, the graduate academic exposition, from 9 a.m. to 4 p.m. in Wells Conference Center. The annual event showcases graduate student research and innovations with academic poster presentations, oral presentations, art installations and performance. This year's awards include the new President's Research Impact Award to the student and his or her academic adviser who best exemplify the UMaine mission of teaching, research and scholarship, and outreach. The Student Leadership Awards Ceremony will be held at 7 p.m., April 16 in Hauck Auditorium. The annual event coordinated by the Division of Student Affairs recognizes student leaders and organizations for their contributions to UMaine. Goodwin will deliver at 7 p.m. on April 18 the Leadership Week keynote address, "Team of Rivals: Leadership Lessons from Abraham Lincoln." She is a Pulitzer Prize-winning author who appears regularly on network television programs and was an on-air consultant for PBS documentaries on Lyndon B. Johnson, the Kennedy family, Franklin Roosevelt and Ken Burns' "The History of Baseball." Her best-selling books include "Lyndon Johnson & The American Dream," "No Ordinary Time: Franklin and Eleanor Roosevelt: The American Home Front During World War II" and "Wait Till Next Year: A Memoir." Her most recent work is "Team of Rivals: The Political Genius of Abraham Lincoln." President Ferguson's inauguration ceremony begins at 10 a.m., April 19 in the Collins Center for the Arts. A reception follows. To attend the ceremony, which also is free and open to the public, contact the President's Office, 581-1516. Contact: Margaret Nagle, (207) 581-3745 or margaret.nagle@umit.maine.edu

Radio Report on MEIF Funds

10 Apr 2012

In a [Maine Public Broadcasting Network radio report](#) about the distribution of Maine Economic Improvement Fund money, UMaine was noted for receiving the bulk of the funds over the years, along with the University of Southern Maine. Lawmakers in the Maine House voted to distribute a percentage of the funds to the other campuses in the UMaine System and Maine Maritime Academy. The bill still faces additional votes in the House and Senate. Contact: Jessica Bloch, (207) 581-3777

Media Coverage of Protest

10 Apr 2012

There were several media reports about Monday's appearances on campus by an anti-abortion group and a pair of anti-gay marriage activists while UMaine students, officials and faculty raised a gay pride flag to mark the start of Pride Week at UMaine. The [Bangor Daily News](#) interviewed several students, including Kalie Hess, 22, of Orono, a fourth-year anthropology major and member of the UMaine Student Women's Association, and Amanda Rivers, 19, a UMaine student from Stratton who is studying social work, who had differing views about abortion, and Evan McDuff, president of UMaine's Wilde Stein Alliance for Sexual Diversity. An Associated Press report about the gay marriage protest was posted on the Boston Herald website. Bangor TV station WLBZ-2 also had a report on the abortion protest. Contact: Jessica Bloch, (207) 581-3777

Grant for Education Research Noted in Release

10 Apr 2012

A news release that appeared in the [Sacramento Bee newspaper](#) noted that UMaine is one of three organizations or institutions to be involved in a \$3.5 million grant to student the effectiveness of an online tutoring system for mathematics homework. SRI International, a nonprofit research and development organization, and Worcester Polytechnic Institute will also be involved in research on the grant, which comes from the Institute of Education Sciences at the U.S. Department of Education. UMaine, a co-principal investigator, will receive \$670,000 to help implement the project in Maine schools. Contact: Jessica Bloch, (207) 581-3777

Social Work Student Discusses Cuts

10 Apr 2012

In a [Bangor Daily News letter to the editor](#), UMaine social work graduate student Lucy Barnhart wrote about proposed budget cuts to the prescription drug and health care assistance for people over 65 and people with disabilities. Barnhart wrote that this population deserves to continue to receive consistent preventative health care, which is a vital part of being healthy, and added that she would be willing to pay more in income taxes to provide for seniors and people with disabilities. Contact: Jessica Bloch, (207) 581-3777

Economist Wagner Interviewed on Gas Price Spikes

10 Apr 2012

UMaine School of Economics assistant professor Sharon Wagner spoke with [Channel 7 \(WVII\)](#) Monday for a 6 p.m. news report about some of the reasons for recent spikes in gasoline prices. The single most influential factor in gasoline prices is the cost of crude oil, she says, which is tied to supply and demand and also world events, particularly in the Middle East, from where less than a quarter of the oil used in the U.S. comes. Contact: George Manlove, (207) 581-3756

Astumian Comments in Molecular Machines Article

10 Apr 2012

UMaine physics professor Raymond Dean Astumian was interviewed for an article in the April 2 issue of Chemical & Engineering News about misunderstandings about the fundamental physics behind design, operation and characterization of molecular machines. This topic is part of the subject of an article, "Can artificial molecular machines deliver on their promise?" that Astumian co-authored with colleagues from Northwestern University, the Korea Advanced Institute of Science and Technology and Poland's Adam Mickiewicz University. The article was featured on the cover of the first issue of Chemical Society Reviews for this year. Contact: George Manlove, (207) 581-3756

TV Coverage of Fifth-Graders' Campus Visit

10 Apr 2012

In Channel 5 (WABI) and a Channel 2 (WLBZ) news reports, Jason Hoyt of Black Bear Properties at the University of Maine described the purpose of a recent visit to the UMaine campus last week of 200 fifth-grade students from the greater Bangor area and Lewiston as part of the second annual Weight Watchers of Maine and Black Bears of Tomorrow program. The students toured the campus, visited several science laboratories and Fogler Library, and discussed fitness and health. Hoyt said a big part of the program was to introduce the youngsters to UMaine so they could learn what college is about. Contact: George Manlove, (207) 581-3756

Black Bear Mentors Invite Young Companions to UMaine

10 Apr 2012

Channel 2 (WLBZ) on Monday covered a visit to the campus by area elementary and middle school students who have

been mentored by UMaine student Black Bear Mentors. The program, operated through the Bodwell Center for Service and Volunteerism, introduced the students to a typical day at UMaine. Contact: George Manlove, (207) 581-3756

UMaine Symphonic Band, President Ferguson at Merrill Auditorium

11 Apr 2012

The University of Maine School of Performing Arts Symphonic Band will kick off [University of Maine President Paul Ferguson's inauguration](#), and a week of related events, with a free performance at 7 p.m. tonight at Merrill Auditorium in Portland, with special guests the Westbrook High School wind ensemble. A reception sponsored by the Southern Maine Chapter of the UMaine Alumni Association will be held following the performance. All are welcome. On April 19, as part of the inauguration ceremony on the UMaine campus, the University Singers will perform. Contact: Ron Lisnet, (207) 581-3779

Leadership Week Celebrates Inauguration of UMaine President Ferguson

11 Apr 2012

A series of leadership events, academic activities, student research expositions and campuswide celebration will commemorate the inauguration of University of Maine President Paul W. Ferguson on April 19. Leadership Week, April 11-19, takes its theme from Maine's state motto, Dirigo, which is Latin for "I lead." The theme recognizes and celebrates the qualities of the UMaine community and the people of Maine, and affirms UMaine's statewide leadership and commitment as Maine's flagship university. [A news release has additional information](#). Contact: Margaret Nagle, (207) 581-3745

UMaine Today Explores New Definitions of 'Aging'

11 Apr 2012

With 76 million Americans poised to turn age 65 in the coming decades, it's time to redefine the concept of the aged and elders, as older people today are far healthier, more mobile, better educated, more active, politically aware and outspoken than earlier generations, according to Len Kaye, director of the University of Maine Center on Aging in an article in the Spring 2012 edition of UMaine Today Magazine. Without diminishing the problems and infirmities that come with aging, Kaye says that society for too long has focused on the disabilities of aging and ignored the abilities of the aged. Contact: George Manlove, (207) 581-3756

Coverage of Student's Death in Car Crash

11 Apr 2012

Several media outlets, including the [Bangor Daily News](#), covered Tuesday's car accident that killed UMaine student Timothy J. Dodge, a 19-year-old from Rockland. Bangor TV station WABI also had a report on the accident. Contact: Jessica Bloch, (207) 581-3777

Museum Director in Story About Sculpture

11 Apr 2012

George Kinghorn, the director of the University of Maine Museum of Art, was mentioned in a [Bangor Daily News report](#) about a sculpture in downtown Bangor that is set to be moved to a different location. Kinghorn, who is also vice president of the Downtown Bangor Partnership board, spoke out in favor of the move at a city council meeting Monday. He said he is hopeful the sculpture will rest on a 4-foot-tall base as a centerpiece of a "sister city monument" which provides a location for recognition of the city's significant relationships and events. Contact: Jessica Bloch, (207) 581-3777

UMaine Smith Center Distinguished Fellow Visiting Campus Thursday

11 Apr 2012

Meredith Jones, president and CEO of the Maine Community Foundation and this year's University of Maine Margaret Chase Smith Policy Center's [Distinguished Maine Policy Fellow](#), will spend Thursday, April 12 on campus for meetings with President Paul Ferguson and faculty and students to discuss student-led philanthropy and advanced research funding under way at UMaine. Jones also will tour research facilities and meet with staff and faculty of the Margaret Chase Smith Policy Center. A native of Washington County, Jones is a member of the editorial review committee for Maine Policy Review and the advisory board of the Margaret Chase Smith Policy Center, in addition to other community advisory boards in Maine. Since its creation 28 years ago, the Maine Community Foundation has awarded more than \$175 million in scholarships and grants to individuals and nonprofit organizations throughout the state and region. Contact: B.J. Kitchin, (207) 581-1644

Pulitzer Prize Author Doris Kearns Goodwin to Give Keynote Address for UMaine Leadership Week

12 Apr 2012

World-renowned historian Doris Kearns Goodwin will deliver the keynote address for University of Maine Leadership Week on April 18 at the Collins Center for the Arts. Her 7 p.m. talk, "Team of Rivals: Leadership Lessons from Abraham Lincoln," is free and open to the public. UMaine's Leadership Week, April 11-19, features academic activities, student research expositions and campuswide celebration commemorating the inauguration of University of Maine President Paul W. Ferguson on April 19. Leadership will be the focus of President Ferguson's inaugural address and the theme of a number of Leadership Week events, including Goodwin's keynote. All Leadership Week events are free and open to the public. "I am so pleased that Doris Kearns Goodwin is joining us for Leadership Week," says President Ferguson. "Like many people across our country and world, I have been a fan and student of her work for many years. Her insightful scholarship, quality of storytelling and personal warmth bring each of her subjects to life for us in a very tangible way. Her clear strength as a historian and observer of the political scene is to facilitate our current understanding by highlighting leadership lessons of the past. Doris Kearns Goodwin will bring great value and enjoyment to our celebration of leadership at the University of Maine and I am deeply touched and honored that she will be a part of the Inauguration activities." Goodwin has been reporting on politics and baseball for more than two decades. She is the author of several books and has written for leading national publications. She appears regularly on network television programs and was an on-air consultant for PBS documentaries on Lyndon B. Johnson, the Kennedy family, Franklin Roosevelt and Ken Burns' *The History of Baseball*. Goodwin also was the first female journalist to enter the Red Sox locker room. Goodwin was born and raised on Long Island, New York. A Colby College graduate, Goodwin received her Ph.D. in government from Harvard University and taught there before serving as an assistant to Lyndon Johnson in his last year in the White House. She later assisted Johnson in the preparation of his memoirs. In 1976, Goodwin authored "Lyndon Johnson and the American Dream," which became a New York Times best seller. She followed up in 1987 with the political biography, "The Fitzgeralds and the Kennedys," which stayed on the New York Times Best-Seller list for five months. In 1990, it was made into a six-hour ABC miniseries. Her next book, "No Ordinary Time: Franklin and Eleanor Roosevelt: The American Home Front During World War II," was awarded the Pulitzer Prize in April 1995, as well as the Harold Washington Literary Award, the New England Bookseller Association Award, the Ambassador Book Award and the Washington Monthly Book Award. It was a New York Times best seller for six months. Goodwin's book, "Wait Till Next Year: A Memoir," published in 1997, is about growing up in the 1950s in love with the Brooklyn Dodgers. It has been a New York Times best seller, as well as a Book of the Month Club selection. Her most recent work, a monumental history of Abraham Lincoln, "Team of Rivals: The Political Genius of Abraham Lincoln," published in October 2005, joined the best-seller lists on its first week in publication, and soon reached No. 1 on the New York Times Best-Seller list. The book won the 2006 Lincoln Prize for an outstanding work about the president and/or the Civil War, the New York Historical Society Book Prize, the Richard Nelson Current Award and the New York State Archives History Makers Award.

German Consul to Speak April 17 on Euro, North Korea

13 Apr 2012

Friedrich Löhr, consul general of the Federal Republic of Germany in Boston, will speak at the University of Maine on Tuesday, April 17 about Germany and the European monetary crisis and, in a second talk, the tenacity of North Korean leadership. At 2 p.m. in the Bodwell Lounge in the Collins Center for the Arts, Löhr will discuss “Germany and the Euro Crisis: Leadership in Difficult Times.” At 4 p.m. in the McIntyre Room of the Buchanan Alumni House, he will present “The Father, the Son, and the Sacred System: Making Sense of North Korea.” Both presentations are free and open to the public. A free parking permit from [UMaine Parking Services](#) is needed for the 2 p.m. talk, but no parking permit is needed for the 4 p.m. talk. Löhr served as Germany's ambassador to North Korea from 2005 to 2007, after a post as minister and DCM in the German Embassy in Beijing, China. Previously, Löhr spent four years in the Foreign Office in Berlin in the Department of Disarmament, Arms Control and Non-proliferation, Head of Section for Biological and Chemical Disarmament. Contact: George Markowsky, (207) 581-3940

Sacramento Bee Notes Climate Change Institute Web Tool

13 Apr 2012

California's Sacramento Bee newspaper carried a news release about the new “10Green” interactive web tool designed by the University of Maine [Climate Change Institute](#) to provide 10 air quality measures of pollutants such as carbon monoxide, large and small particulates, ozone, sulfur dioxide and heavy metals. Institute Director Paul Mayewski said in an interview that 10Green utilizes years of ice core and climate change research to enable users to gauge air quality in various locales. Contact: Margaret Nagle, (207) 581-3745

New Web Tool Tells People About the Health of Their Community

13 Apr 2012

Just in time for Earth Day, anyone in the U.S. can see important environmental factors easily and instantly

Orono, Maine, April 12, 2012 - With 10Green, a new, interactive web tool (10Green.org) you can get a comprehensive assessment of the health of your local environment with just a few keystrokes. Just enter your zip code or the name of your community and 10Green gives you the health of your location on a simple 0 to 10 scale. This is the first time such a consumer-friendly environmental health tool has been made available. Developed by the renowned Climate Change Institute at the University of Maine, 10Green uses 10 air quality measures representing some of the most significant threats to human health, including Carbon Monoxide, large and small particulates, Ozone, Sulfur Dioxide and heavy metals. “If you care about the health of your body, chances are you know your blood pressure and cholesterol levels, and if you care about your financial health, you probably know your credit score,” said Dr. Paul Mayewski, the explorer, scientist and professor who serves as director of the Climate Change Institute. “But if you care about the environment where you live and work, how do you measure the health of your community? We created 10Green to be a place where you can easily learn about the health of the environment in your community.” In determining whether communities are healthy or unhealthy, 10Green uses the strictest health standards from those reported by the U.S. Environmental Protection Agency, European Commission, California Environmental Protection Agency, Health Canada, and the World Health Organization to assign a health score. 10Green also leverages decades of ice core research by the Institute to promote understanding of how the chemistry of Earth's atmosphere has changed as a consequence of human activities. (For more details go to: <http://climatechange.umaine.edu/icecores/>). And beyond just an overall score, 10Green gives users the health implications of their community's score and how the health of the community has changed over time. “10Green was motivated by our years of scientific research into climate change,” said Dr. Mayewski. “People have so much information at their fingertips. It is hard to make sense of all of the data, so we wanted to give people a useful tool that helps them easily understand the implications of climate change and air pollution.” 10Green is a collaboration between the [Climate Change Institute](#) and the School of Computing and Information Sciences at the University of Maine, and [Garrand](#), a Maine-based marketing communications firm. Funding for 10Green has been provided in part by The Heinz Endowments, the University of Maine, The National Science Foundation, Garrand, and the UMaine Development Office. Images and logo available upon request. **Media Contact:** Paul Mayewski Climate Change Institute at the University of Maine (207) 581-3019 Paul.Mayewski@maine.edu Margaret Nagle University of Maine (207) 581-3745 Margaret_Nagle@umit.maine.edu

Extension Experts Available on Fiddleheads, April Gardening

13 Apr 2012

University of Maine Cooperative Extension experts throughout Maine are available to discuss April gardening tips, in addition to information on fiddleheads – from the harvest to cleaning, proper cooking and preserving. Educator Barbara Murphy, who is based in UMaine Extension's Oxford County office in South Paris (743-6329), has a new April gardening fact sheet available in the April edition of Maine Home Garden News, and is available to discuss some timely advice on early planting or starting seedlings. Agricultural and non-timber forest products specialist David Fuller, in the Franklin County UMaine Extension office in Farmington (778-4650), has posted online [an information page](#) about Maine's iconic fiddlehead ferns, which discusses how to identify ostrich fern fiddleheads, harvesting protocols and preparation. Statewide food safety specialist Jason Bolton based in the Penobscot County office in Bangor (942-7396) is available to discuss safe preparation techniques to avoid food-borne illnesses from fiddleheads, and UMaine food science professor Alfred Bushway is available in Orono (581-1629) to discuss how to eliminate contaminants that may be present where fiddleheads grow. An [online fiddlehead fact sheet](#) offers recipes for serving, canning and pickling fiddleheads. In Falmouth, Cumberland County-based UMaine Extension educator and food preservation expert Kathy Savoie (780-4205) can also discuss fiddleheads. Contact: George Manlove, (207) 581-3756

President's Inauguration in Boston Globe

16 Apr 2012

The Boston Globe ran an [Associated Press advance](#) about this week's inauguration of UMaine President Paul W. Ferguson and the events of Leadership Week, including Wednesday's keynote speech by noted author and historian Doris Kearns Goodwin. The inauguration will be held at 10 a.m. Thursday in the Collins Center for the Arts. [Bangor TV station WABI](#) also ran the story on its website. Contact: Jessica Bloch, (207) 581-3777

TV report on Golf Economy Study

16 Apr 2012

[Portland TV station WMTW](#) has a story about a UMaine study that found golf has a major impact on the state's economy. UMaine economists James McConnon and Todd Gabe discovered Maine's golf industry generated almost \$270 million for the state in 2011, including tourism-related spending by out-of-state golfers. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension Noted in Story About Sewing Resurgence

16 Apr 2012

Sarah Sparks, a 4-H professional with the University of Maine Cooperative Extension, was quoted in a [Portland Press Herald story](#) about the resurgence in popularity of sewing. Sparks said more clubs are being organized around fiber arts and sewing, and an annual fashion review for 4-H members in Cumberland County has doubled in the number of kids participating. Contact: Jessica Bloch, (207) 581-3777

Cosgrove Keynote Speech in Athletics Notes

16 Apr 2012

In a [series of notes](#) about UMaine athletics, the Bangor Daily News reported that UMaine football coach Jack Cosgrove is scheduled to give the keynote address at a Fellowship of Christian Athletes breakfast on Sunday, April 22. There were also briefs about UMaine field hockey's spring season and an upcoming UMaine women's hockey fundraiser. Contact: Jessica Bloch, (207) 581-3777

Sorority Fundraiser Featured in WABI story

16 Apr 2012

Bangor TV station WABI featured a fundraiser held Friday by UMaine sorority Pi Beta Phi that raised more than \$1,000 for First Book, an organization that brings books to low-income families in the U.S. and Canada. The sorority held a chicken wing eating contest with food donated from area restaurants. UMaine students Courtney Maynard and Brittany Cole, who are both Pi Beta Phi officials, were interviewed. The event was held in UMaine's Memorial Union. Contact: Jessica Bloch, (207) 581-3777

Farley Column in the U.K. Guardian

16 Apr 2012

An opinion column by mathematician and UMaine associate professor of computer science Jonathan Farley about discrimination against black mathematicians was published in a recent edition of the [Guardian newspaper](#) in the U.K. In it, he responds to an essay in the Nation Review that implied intellectual differences between black and white people. Farley cited several instances of academic and societal discrimination against black people that he argues illustrate why no black mathematician has ever won the prestigious Fields Medal for mathematic excellence. Contact: George Manlove, (207) 581-3756

Newspaper Story on Natural Gas Pipeline

17 Apr 2012

The [Bangor Daily News has a report](#) about a potential natural gas pipeline link that would move methane gas from the Juniper Ridge landfill in Old Town to UMaine's Steam Plant, where it would be used to run boilers and create heat for campus buildings. Casella Waste Systems Inc. subsidiary EcoGas LLC has filed a petition for preliminary approval with the Maine Public Utilities Commission to build and operate the seven-mile pipeline. According to the story, which also ran in the [Lewiston Sun Journal](#), UMaine Vice President for Administration and Finance Janet Waldron said in November that the 20-year agreement is expected to save the university a total of about \$15 million. Contact: Jessica Bloch, (207) 581-3777

Column on U.S. Gas Prices

17 Apr 2012

Justin Martin, a College of Liberal Arts and Sciences-Honors College preceptor of journalism, has a commentary on the [Global Post website](#) about the gas prices in the U.S. Martin argues journalists should reinforce the reality that our driving habits influence high prices, that our global neighbors pay a lot more than we do and that as a country we have to stop perpetuating the myth that we are entitled to low gas prices. Contact: Jessica Bloch, (207) 581-3777

Website Highlights New UMaine-Designed Web Tool

17 Apr 2012

A new web tool designed by researchers in UMaine's Climate Change Institute and School of Computing and Information Sciences was the focus of an article on the website [Digital Journal](#) and a story in the [Bangor Daily News](#). The web tool, known as [10Green](#), allows users to enter a ZIP code to learn about their neighborhood's air quality. Climate Change Institute director Paul Mayewski was interviewed in both stories. Contact: Jessica Bloch, [\(207\) 581-3777](#)

Blog Post on Alaska Fieldwork

17 Apr 2012

[A blog](#) from UMaine graduate student Seth Campbell, who is preparing to lead an expedition in Denali National Park in

Alaska, was posted on the website Adventures in Climate Change. The expedition group, which will include several current and former UMaine students, will be estimating total ice volume in the Alaska Range. Contact: Jessica Bloch, (207) 581-3777

Advance on Doris Kearns Goodwin Keynote

17 Apr 2012

Doris Kearns Goodwin's upcoming appearance as the keynote speaker for [UMaine's Leadership Week was the subject of a story](#) in the Bangor Daily News. Goodwin, a noted author and historian, will speak at 7 p.m. Wednesday at the Collins Center for the Arts in a free event for the public. Goodwin's talk comes the evening before UMaine President Paul W. Ferguson will be formally inaugurated, which will take place at 10 a.m. Thursday. The [Central Maine Morning Sentinel also ran an advance](#) about Leadership Week and Ferguson's inauguration. Contact: Jessica Bloch, (207) 581-3777

Climate Change Research and Measuring the Amount of Ice in the Alaska Range

20 Apr 2012

Editor's Note: This is the first in a series of blog posts from UMaine's Climate Change Institute, which is currently conducting fieldwork in the Alaska Range. Seth Campbell, a University of Maine graduate student pursuing his Ph.D. through UMaine's Climate Change Institute and Department of Earth Sciences, is getting ready to lead an expedition in Denali National Park in Alaska. This will be his fifth field season in Denali. I am in Alaska already working on a couple of different projects I'm involved with before I go into the field for the Denali project on April 21. We have quite a team this year to help in the field research including myself; UMaine undergraduate Josh Plourde; former UMaine students Curtis Marston and Lyndsay Marston; Kristin Schild, who earned her master's degree at UMaine's Climate Change Institute and is now working on a Ph.D. in earth sciences at Dartmouth; Brad Markle: A Ph.D. student in glaciology student at the University of Washington; Dave Silverstone, an undergraduate student at the University of Alaska Anchorage; Adam Toolanen, an undergraduate student at Lund University in Sweden; and Hazel Shapiro, an undergraduate student at Dartmouth. The most exciting news recently is that a the proposal submitted to the National Science Foundation by Dr. Erich Osterberg (Dartmouth), Dr. Karl Kreutz (UMaine), and Dr. Cameron Wake (University of New Hampshire) was funded to start ice core drilling on Mount Hunter, Alaska, beginning in the spring-summer of 2013. This proposal is many years in the making for Karl, Cameron and Erich, including the past four years with dozens of people helping either in the field or processing samples and data back at UMaine, Dartmouth, or UNH. Although the drilling doesn't start until 2013, we still need to download meteorological data from a station we installed on the Kahiltna Glacier in 2008. The station records such details as hourly temperature, humidity and precipitation, which are useful for comparison to the ice core once we actually extract it for chemical analyses. Beyond the recently funded NSF proposal and downloading the meteorological data, this year's field team is helping me with a different task of estimating total ice volume in the Alaska Range. We will be using ice-penetrating radar to measure ice depths on the Traleika, Muldrow, Kahiltna, and Ruth glaciers between April 21 and May 31. This ice depth data from a select few glaciers will be used to test or improve a numerical calculation that relates ice depth to glacier surface area, a method known as area-volume scaling. We hope to use this mathematical relationship developed from a few glaciers to calculate the total ice volume retained in the dozens of glaciers situated in the Alaska Range. To collect the ice depth data we tow an ice-penetrating radar system behind us while we ski on each glacier. We ski from remote camp to remote camp, setting up tents at the end of each day. The complete radar system that we use includes an antenna transmitter that sends electromagnetic (EM) pulses through the ice and an antenna receiver that receives the reflection of each EM pulse from layers in the ice and bedrock under the ice. The antenna is connected by cable to a computer which records data about each EM pulse sent and received by the transmitter-receiver combination. We know how fast radio waves travel through ice. Therefore, we can calculate how deep the ice at each location we measure if we record the time it takes for each radio wave pulse to return to the receiver after it is transmitted. The collection process required a team effort. We towed the antenna behind us while skiing at rates between 1-2 kilometers per hour (basically a slow walk). We travel slowly to improve the contact between the ice and the antenna which assures that the radar signal is sent into the ice. It is also hard work to tow the radar system! The work can be exhausting and challenging physically (and emotionally on some days), and the day doesn't end after the daily field science work is completed. At the end of

the day we spend several hours setting up tents, melting snow for water, cooking food, charging batteries with solar power equipment and preparing for the next day. That said, we are lucky enough to work in one of the most amazing mountain ranges in the world. With mountains more than two miles high towering above us, the scenery can't be beat. We have divided this season into three mini-seasons because our team members are staggering their visits to the glacier. Between April 21-29, Curtis, Lyndsey and I will be collecting ice depth data on the Traleika and Muldrow Glaciers. Between April 29 and May 15 we will collect data on the Kahiltna Glacier with new team members Dave, Adam and Brad. On May 15 our final field team shows up and some team members depart. We will then either finish field activities on the Kahiltna Glacier or fly to the Ruth Glacier for two more weeks of ice data collection before we end the season.

Princeton Review Names UMaine to Top Green Schools List

18 Apr 2012

The University of Maine has been named one of the top scorers in the annual "Princeton Review's Guide to 322 Green Colleges: 2012 Edition," and was one of only 16 profiled institutions named to its "Green Honor Roll" for receiving energy-efficiency and sustainability ratings of 99 —the highest possible score. Created by the Princeton Review in partnership with the [U.S. Green Building Council](#), "The Princeton Review's Guide to 322 Green Colleges" is the only free, comprehensive guidebook profiling institutions of higher education that demonstrate a notable commitment to sustainability in their academic offerings, campus infrastructure, activities and career preparation. The Princeton Review chose the schools for this guide based on a survey of administrators at nearly 800 colleges in the U.S. and Canada about their school's sustainability initiatives. Released April 17, days prior to the April 22 celebration of the 42nd anniversary of Earth Day, the guide has profiles of the colleges that provide application information plus facts, stats and write-ups reporting on the schools' environmentally related policies, practices and academic offerings. The free guide can be downloaded at princetonreview.com/green-guide and centerforgreenschools.org/greenguide UMaine's energy-saving efforts also were recognized in Princeton's Green Guide in 2010 and 2011. "The University of Maine has long recognized its leadership role in promoting and actively pursuing environmental stewardship," says University of Maine President Paul Ferguson. "At UMaine, going green is not just a philosophy, but a way of life, from our four LEED-certified buildings to our Green Campus Initiative." The Princeton Review's Honor Roll profile of UMaine cites initiatives such as the university's longstanding green and blue bicycle program for faculty, staff, students and members of the public visiting campus, the Black Bear Express shuttle bus between campus and downtown Orono, UMaine's full-time sustainability coordinator and a sustainability council made up of students, faculty and staff. The University of Maine "has made a commitment to avoid sprawl, restore local habitats, and achieve carbon neutrality by 2040," the Princeton profile says. "UM's new student orientation includes sustainability programming, and Eco Reps in residence halls coordinate recycling programs and lead other environmental initiatives. UM recycles over 500 tons of paper products per year, and every office and classroom has at least one paper-recycling bin. All new buildings on campus must meet LEED Silver standards, and existing buildings are going green—two are already outfitted with residential-scale solar thermal systems." In addition to UMaine, six other Maine institutions are included in the guide. They are Bates College, Bowdoin College, Colby College, College of the Atlantic, Unity College and the University of Maine at Farmington. Contact: George Manlove, (207) 581-3756

Marine Biologist Delivers Keynote, Appears in Video

18 Apr 2012

Rhian Waller, a University of Maine assistant research professor based at UMaine's Darling Marine Center in Walpole, Maine, gave a keynote address at the 5th International Symposium on Deep-Sea Corals, which was held earlier this month in Amsterdam. Waller, who studies reproduction in corals found in cold water in the deep ocean, spoke about seasonal reproduction of Alaskan fjord corals. She was also [featured in a video](#) produced at the symposium. Contact: Jessica Bloch, (207) 581-3777

UMaine President Calls for a Re-emphasis of the Public Good in Public Universities

20 Apr 2012

ORONO, Maine -- The public good inherent in the mission of the public university must be re-emphasized in an effort to recommit to the mutually beneficial partnership between citizens and their land-grant institutions, University of Maine President Paul Ferguson said Thursday morning at the Collins Center for the Arts in an address moments after he was inaugurated as the 19th president of the state's flagship public university. "There is much conversation — and confusion — in the popular culture today about the role of the public university, especially the public research university," said Ferguson, speaking to an audience of more than 700 who attended the ceremony that highlighted Leadership Week, a series of events held in celebration of the inauguration. "As we are preparing to celebrate the 150-year anniversary of the historic Morrill Act that enabled the creation of the land-grant universities across our nation, it is most fitting that we take a moment, particularly during a presidential inauguration at a prestigious land-grant university such as the University of Maine, to remind ourselves just who it is we are and what it is we are expected to do," Ferguson said. Public universities have drifted from their visible, interconnected partnership with the public sector, and state and federal governments, as well as many citizens, have lost sight of the critical role that public research universities play, said Ferguson, who has been on campus since July 1, 2011, and was officially seated Thursday by University of Maine System Chancellor James Page. The result of that drifting has been "an uncertain relationship of uncertain mutual benefits," leading to a misunderstanding about the roles and impact of faculty and their workload, a limited understanding of the university's operational challenges and the efficiencies it achieves, and, of critical importance, the loss of the mutual respect of the public and its university — both fiscally and emotionally. Ferguson cited sociologist Craig Calhoun's call for a "firmer sense of mission" in higher education, and on the part of public research universities in particular, when facing financial shortfalls, calls for greater accountability, and intense competition for students and faculty. "I am not here to defend the status quo," Ferguson said of his presidency. "I am here to defend this university's importance to the state of Maine and to re-emphasize the public good inherent in the mission of the public university." Public universities prepare young people for successful careers, enhance quality of life, spur imagination through the arts and humanities, create new knowledge to fuel new technologies and businesses, and partner with their states to create jobs and promote ongoing economic development, Ferguson said. "The future of this university, to be renewed by UMaine's upcoming strategic plan, will be characterized by a focus on innovation, sustainability, stewardship, interdisciplinary study and renewability, furthering our distinctive capabilities to better understand and preserve our natural resources and the environment, our community and culture," Ferguson said. "Maine and the nation can prosper by partnering with this university — one that is clearly committed to substantive preparation of our students, as well as committed to engaging the community and state that embraces it." Ferguson called for a recommitment to "the inherent, mutually beneficial partnership" between the citizens of Maine and their university. "My pledge to you today as your new president is to preserve the legacy of this great university and to value its quality of people and place," he said. "And also, based on a solid, fiscally sound foundation of excellence in teaching and research, to encourage our UMaine community to renew and enhance our engagement and service to our partners throughout the state, nation and world. In so doing, we will continue to affirm our relevance, mission and, yes, leadership, as a premier, engaged American research university," he said. During the inauguration ceremony, reflections on Ferguson's path to the UMaine presidency were offered by Daniel Schlenk, professor of aquatic ecotoxicology at University of California, Riverside, and Julie Hopwood, who serves as Ferguson's senior advisor. Ferguson's inauguration was commemorated with a series of leadership events, academic activities, student research expositions and campuswide celebration April 11-19. Leadership Week took its theme from Maine's state motto, Dirigo, which is Latin for "I lead." The theme recognized and celebrated the qualities of the UMaine community and the people of Maine, and affirms UMaine's statewide leadership and commitment as Maine's flagship university. Leadership was the theme of a number of Leadership Week events, including the keynote address by renowned historian and author Doris Kearns Goodwin on the eve of the inauguration. More information, including [Ferguson's bio, is available online](#). Contact: Margaret Nagle, 207-581-3745

Fifth Annual Healthy High Run-Walks Friday

20 Apr 2012

An unprecedented 500 people have registered for Friday's Fifth Annual Healthy High Road Race and walk starting at 4:20 p.m. at the New Balance Recreation and Fitness Center. The event promotes fitness and raises awareness about healthy alternatives to alcohol and drug use. The UMaine Alcohol and Drug Education Office is sponsoring a 1-mile fun run and walk, a 5K run-walk and a 10K course. The event coincides with a health and wellness expo from noon to 4 p.m. at the recreation center. For information about the expo, the race, registration, a Soles for Souls charity shoe

recycling initiative, and a performance at 2 p.m. by Frank and the Red Hots, [visit an event website](#) or call 581-1423. Contact: Rebecca Davison, (207) 581-1423

News Media Reports on Ferguson Inauguration

20 Apr 2012

Several news organizations covered the inauguration ceremony Thursday for the University of Maine's 19th president, Paul W. Ferguson. They included the [Bangor Daily News](#) and [Channel 7 \(WVII\)](#). Contact: George Manlove, (207) 581-3756

UMaine Study of Golf Economics on Website

20 Apr 2012

[The Maine State Golf Association](#) posted a UMaine news release about the economic benefits of the Maine golf industry on its website. Economists Todd Gabe and James McConnon did the research. Contact: George Manlove, (207) 581-3756

Newspaper Features Extension Gardening Program

20 Apr 2012

The [Biddeford-based Journal Tribune](#) ran an editorial about University of Maine Cooperative Extension's Maine Harvest for Hunger program to encourage gardeners to grow extra produce for charities across the state. Contact: George Manlove, (207) 581-3756

Jung named UMaine's New Vice President for Enrollment Management

23 Apr 2012

Dr. Jimmy Jung has been named vice president for enrollment management at the University of Maine, effective July 1. Currently, Jung is assistant vice president for enrollment management at the State University of New York – The College at Brockport. He served as executive director for strategic enrollment management at City University of New York – Baruch College and as an enrollment analyst at Fordham University. Jung also has been a consultant for the New York City Department of Education. Jung has presented nationally and internationally on his areas of expertise, which include enrollment planning, student recruitment, financial aid leveraging and predictive analytics to improve student outcomes. Jung, who has a Ph.D. in educational psychology from the Graduate Center of the City University of New York, will be UMaine's chief enrollment officer. He will oversee Admissions and New Student Programs, Student Financial Aid, Student Records and Student Employment, as well as areas of undergraduate international admissions and international graduate student recruitment. Dr. Jung will be a direct report to Senior Vice President for Academic Affairs and Provost Susan J. Hunter and sit on the President's Cabinet. Enrollment Management initiatives under Dr. Jung's leadership will be a foundational component of the University of Maine's Blue Sky Project. Contact: Margaret Nagle, 207-581-3745

UMaine President Ferguson Taps Six Campus Initiatives in His Visions of University Excellence Program

23 Apr 2012

Six initiatives by University of Maine colleges, departments and programs designed to enhance excellence and campus transformation were selected for funding by the Presidential Request for Visions of University Excellence (PRE-VUE) Program. A total of 45 proposals were submitted to PRE-VUE, a three-year funding initiative established by UMaine President Paul Ferguson as a companion program to UMaine's Strategic Planning Process: The Blue Sky Project. The six initiatives, averaging \$300,000 each for funding lasting a total of three years, were rated highest in their potential to enhance excellence and campus transformation with a broad-based impact, employ a cost-effective approach to

addressing pressing issues for UMaine, achieve a sustainable impact, and align with the university's emerging and strategic priorities. "The goal was to empower and catalyze the UMaine community to come together— faculty, students, staff, alumni and community partners — to collaborate and focus on strategies to enable UMaine to achieve a new vision of institutional excellence and realize its position as a leading 21st-century land- and sea-grant university," says Ferguson. "We want to bridge — to preview — effective short-term problem solving with the long-term problem solving coming out of the formal strategic planning process." Like the six funded PRE-VUE proposals, the 39 unfunded initiatives are considered resources for the 25-member UMaine Strategic Planning Leadership Team, chaired by Ferguson and facilitated by Linda Silka, director of UMaine's Margaret Chase Smith Policy Center. All the PRE-VUE proposals will be archived for reference in an electronic library online to be developed as part of the Blue Sky Project Implementation. UMaine's strategic plan is slated to be unveiled in early May. PRE-VUE proposals addressed one or more of UMaine's high-priority areas, including increasing the number of faculty in high-impact disciplines, balancing and promoting the role and impact of faculty as scholar-teachers, strengthening UMaine's academic and research program portfolio, enhancing the quality of the undergraduate and graduate student educational experience, and improving campuswide student recruitment and retention programs. The six funded PRE-VUE initiatives are:

College of Liberal Arts and Sciences Advising Center: Increasing Student Satisfaction and Retention – A Collaboration Between Student Affairs and Academic Affairs Team leader: Kristin Sobolik, associate dean of the College of Liberal Arts and Sciences. University units represented: College of Liberal Arts and Sciences, Student Affairs and Academic Affairs. The PRE-VUE award will be used to establish a student advising center in the College of Liberal Arts and Sciences with staffing and best practices from the Division of Student Affairs to increase student access, connection, satisfaction and retention. The advising center will develop programs and resources for at-risk students, and will provide support and programming for all students and faculty advisers in the College of Liberal Arts and Sciences, UMaine's largest college.

Enhancing Undergraduate Academic Experiences Through Student-Faculty Research Collaborations Team leader: Nancy Hall, director of the Center for Undergraduate Research (CUGR). University units represented: CUGR will lead the project, and all academic and research units are expected to participate. The PRE-VUE award will be used to provide pedagogical and financial support for undergraduates engaged in research by establishing a University of Maine Undergraduate Research and Scholarship Academy and Student Research Support Funds for supplies, materials or travel. A second goal is to develop a cohort of faculty mentors and increase activities toward future funding of undergraduate research through the CUGR Fellows Program and CUGR Fellows Assistants.

Pre-Tenure Research and Creative Activity Fellowship Program Team leader: Jeffrey Hecker, dean of the College of Liberal Arts and Sciences. University units represented: The colleges of Liberal Arts and Sciences; Education and Human Development; Engineering; Natural Sciences, Forestry, and Agriculture; and Business, Public Policy and Health. The PRE-VUE award will be used to establish a Pre-Tenure Research and Creative Activity Fellowship Program to support pre-tenure faculty in their efforts to secure external funding for their scholarship. The goals of the program are to increase external funding for research and creative activities; develop the next generation of faculty leaders in funded research; grow opportunities for all students to learn through funded-research experiences; and recruit and retain outstanding faculty to build funded-research programs.

University of Maine Humanities Center: Humanities for the 21st Century Team leader: Scott See, Librarian Professor of History and director of the University of Maine Humanities Initiative. University units represented: UMaine Humanities Initiative; College of Liberal Arts and Sciences; departments of English, History, Modern Languages and Classics, Philosophy and Art; Maine Folklife Center; National Poetry Foundation; and Canadian American Center. The PRE-VUE award will be used to establish a University of Maine Humanities Center to promote the integral role of the humanities and the university in the state by developing synergy among scholarship, research and community engagement. The center will include a Humanities for the 21st Century Program, a Digital Humanities Postdoctoral Fellowship, Humanities Graduate Student Assistantship, and faculty and development grants.

UMaine Web Standards Team leader: Chris Smith, Department of University Relations manager of electronic communications. University units represented: Department of University Relations. The PRE-VUE award will be used to establish a university-wide online branded Web presence to advance UMaine's marketing and communication efforts, enhance campus excellence and transformation, and promote the impact of UMaine and its faculty, students and alumni. A consistent, enhanced Web presence will demonstrate and showcase UMaine's academic and research strengths as a comprehensive land- and sea-grant university, highlighting its world-class centers of excellence and other points of pride, aiding student recruitment efforts, facilitating constituents' access and alumni interface with UMaine.

Increasing University of Maine Recruitment, Enrollment and Retention Through Black Bear 4-H Science Team leader: Lisa Phelps, University of Maine Cooperative Extension program administrator. University units represented: UMaine Extension, Admissions, College of Engineering, Foster Center for Student Innovation and the Aquaculture Research Institute. The PRE-VUE award will be used to establish Black Bear

4-H Science to increase student recruitment, enrollment and retention by promoting 4-H Science at UMaine. Funds will be used to hire a 4-H youth development science professional and a graduate student to strengthen connections with UMaine resources, including faculty, and to create more opportunities for youth to establish lasting connections with — and aspirations to attend — UMaine. Contact: Margaret Nagle, 207-581-3745

MPBN to Broadcast UMaine Climate Change Lecture Today

23 Apr 2012

Maine Public Broadcasting Network has scheduled a broadcast of a recent talk at the University of Maine by noted paleoecologist, educator and science journalist Curt Stager today at 1 p.m. on its Speaking in Maine program. Stager, also an adjunct professor with the UMaine Climate Change Institute, spoke on “Climate Whiplash: What happens after global warming?”

Contact: George Manlove, (207) 581-3756

Op-Ed Column Cites UMaine Climate Research

23 Apr 2012

In a [Bangor Daily News op-ed column](#) about how changing climate is affecting food production and pricing, Pamela Person of the Coalition for Sensible Energy and Maine Global Climate Change cited research by University of Maine climatologists that is contributing evidence to document environmental and climatological shifts. Contact: George Manlove, (207) 581-3756

Newspaper Reports UMaine Research on Golf Industry

23 Apr 2012

An article in the [Kennebec Journal newspaper](#) in Augusta reported the results of a study by UMaine economists Todd Gabe and James McConnon about the value of the golf industry to the Maine economy. The researchers found the industry contributed \$270 million in 2011. Contact: George Manlove, (207) 581-3756

UMaine’s Farley in NPR’s PRI Interview

23 Apr 2012

University of Maine associate professor of computing and information science Jonathan Farley was interviewed Wednesday, April 18, on Public Radio International's show, "[The Takeaway](#)," hosted by four-time Emmy winner John Hockenberry. The topic was racism and mathematicians. Contact: George Manlove, (207) 581-3756

Channel 5 Reports on UMaine Charity Run

23 Apr 2012

Channel 5 (WABI) aired a report on a weekend charity run for women’s heart health and cardiac care organized by members of UMaine’s Alpha Phi sorority. Members hoped to raise \$2,000. Contact: George Manlove, (207) 581-3756

Coverage of Hope Festival

23 Apr 2012

The Earth, the environment and grassroots efforts to effect positive change was the theme of Saturday’s Hope Festival held at UMaine’s New Balance Student Recreation Center. The event was covered by Bangor television station WABI

and the [Bangor Daily News](#). It was organized by the Peace and Justice Center of Eastern Maine and University of Maine Peace & Reconciliation Studies, Women's Studies and Women in the Curriculum, and the Maine Peace Action Committee of the University of Maine. Contact: George Manlove, (207) 581-3756

Energy Website Features UMaine Online Climate Monitor

23 Apr 2012

The renewable and sustainable energy website "[renewablesbiz](#)" carried a Bangor Daily News article, which was distributed by the McClatchy-Tribune news service, about 10Green, a new online climate monitoring tool developed by the University of Maine's Climate Change Institute. Contact: George Manlove, (207) 581-3756

BDN Advances Engineering Design Competition

23 Apr 2012

The Bangor Daily News advanced the University of Maine College of Engineering's design competition, scheduled for Wednesday, April 25 in Barrows Hall. Engineering technology students will share their capstone projects – eight different kinetic sculptures to be installed in public places in Maine. Competing designs, created to attract women and nontraditional students to science and engineering careers, will be exhibited and explained starting at 8:30 a.m. Contact: George Manlove, (207) 581-3756

UMaine in \$3.5 Million Math Tutorial Collaboration

23 Apr 2012

The University of Maine will share part of a \$3.5 million federal grant with two research collaborators — Worcester Polytechnic Institute and SRI International — to study the effectiveness of an online mathematics homework tutorial for students and teachers in 50 Maine schools. UMaine's Center for Research and Evaluation (CRE) will help coordinate training and workshops for participating teachers, and also will work with Silicon Valley-based SRI, a nonprofit research and development organization, in assessing a free, Web-based math homework tutorial program developed by Worcester Polytechnic called "ASSISTments." UMaine will receive \$670,000 to assist the Maine schools selected for participation, according to grant co-principal investigator Craig Mason, CRE director and professor of education and applied quantitative methods at UMaine. The research team is now recruiting schools in Maine to participate in the study. Schools will receive free use of ASSISTments for four years, in addition to professional development for math teachers. For more information, visit: <http://tinyurl.com/AssistmentsMaineStudy> The grant from the U.S. Department of Education's Institute of Education Sciences enables researchers to evaluate seventh-grade mathematics students and teachers in more than 50 schools throughout Maine using the ASSISTments system. ASSISTments aims to transform homework by giving students instant feedback and tutoring adapted to their individual needs, according to WPI researchers. "Our early, small studies have shown solid learning gains for students who use ASSISTments, and this is leading to tremendous interest from schools in adopting the system," says Neil Heffernan, the associate professor of computer science at WPI who created ASSISTments. The research will establish objective, gold-standard results, he says. The team chose to conduct the study in Maine because students here are assigned laptops to use for homework. The researchers will look specifically at whether students who previously struggled in mathematics benefit from online homework tutoring and how those benefits vary, depending on students' socioeconomic status. "This project provides an excellent opportunity for Maine schools to capitalize on our state's investment in educational technology, and truly use the power of this resource to enhance student learning," says Mason. "The results of this study will determine whether automated homework tutoring could be a cost-effective approach to support learning, while giving mathematics teachers the information they need to adapt classroom instruction to meet their students' needs," says Jeremy Roschelle, director of the Center for Technology in Learning at SRI. Contact: Craig Mason, (207) 581-9059; George Manlove, (207) 581-3756

UMaine Chorale Groups to Perform with Bangor Symphony

24 Apr 2012

The University of Maine Singers and Oratorio Society will perform at 3 p.m. Sunday, April 29, with the Bangor Symphony Orchestra in its concert "C'est Magnifique!" at UMaine's Collins Center for the Arts. The UMaine groups will perform composer Gabriel Faure's "Requiem," a major cornerstone of the choral repertoire, along with soprano Sarah Wolfson and baritone Andrew Wentzel. BSO Music Director Lucas Richman will conduct. The University of Maine Singers, led by music professor and choral music director Dennis Cox, is an advanced concert choir whose members come from all disciplines across campus. The ensemble tours in the northeastern U.S. each spring and travels to Europe every four years. The group regularly performs with the Oratorio Society, directed by Ludlow Hallman, and is a mixed choral ensemble comprising university students and members of the community. The Oratorio Society performs large choral-orchestral master works. The rest of the French-themed program includes Debussy's "Petite Suite" and Ravel's "Le Tombeau de Couperin." For tickets, go to www.collinscenterforthearts.org or call 581-1755. The Collins Center box office is open from 9 a.m. to 4 p.m. Monday through Friday and 90 minutes before each event. Contact: Jessica Bloch, (207) 581-3777

Brewer interviewed for MPBN Poliquin Profile

24 Apr 2012

UMaine political scientist Mark Brewer was interviewed by the [Maine Public Broadcasting Network](#) as part of a profile of State Treasurer Bruce Poliquin, who is running for the Republican nomination for the seat being vacated by retiring long-time U.S. Senator Olympia Snowe. Brewer cited the controversy over Poliquin's personal business activities as a possible snag for some Tea Party politicians.

Contact: George Manlove, (207) 581-3756

Media Covers UMaine Cross-Border Trade Conference

24 Apr 2012

Several news outlets, including the [Bangor Daily News](#) and [Channel 5 \(WABI\)](#), covered the first day of a two-day cross-border trade conference co-organized by the University of Maine Canadian-American Center. Economists, business and government representatives, among others, from Maine and Canadian provinces are attending to discuss how to strengthen cross-border business relationships that help both, particularly in the Northeast. Contact: George Manlove, (207) 581-3756

Article on U.S.-U.K. Wind Power Pact Cites UMaine Research

24 Apr 2012

[An article on the TriplePundit](#) business news website about an international wind-power pact between energy offices in the United States and the United Kingdom that appears to be in the offing cites offshore wind power research by the University of Maine. Contact: George Manlove, (207) 451-3756

UMaine Hosting Sculpture Symposium Workshop for Teachers

24 Apr 2012

The Schoodic International Sculpture Symposium (SISS) will host a workshop for Maine teachers on Saturday, April 28 at UMaine. This biennial cultural event will bring eight internationally recognized sculptors to the University of Maine campus this summer to create stone artwork for permanent display at area locations. Saturday's workshop will be held from 9:30 a.m. to 4:30 p.m. in Room 107 of the Donald P. Corbett Business Building. The day's events are free and open to the public, but tailored specifically for teachers in a variety of subject areas who want to learn how to integrate SISS activities into their teaching and enhance curricula. Teachers from kindergarten through grade 12, and those in

areas such as art, science, math, social studies, language arts and cultural studies, are welcome. Jesse Salisbury, the SISS art director, will present a slide show of portfolios for each of the eight sculptors participating in this year's symposium, discuss the historical background of Maine's quarries and the quarrying industry, and present works from the 2007, 2009 and 2011 symposia. Daniel Lux, a faculty member in UMaine's Department of Earth Sciences, will speak about the history of Maine granite. Former SISS sculptors Mark Herrington of Franklin and Jim Boyd of New Brunswick will discuss their experiences in the symposium. A panel of teachers who participated in education programs through previous symposia will also speak about their experiences. There will also be a tour of the UMaine art department's sculpture studio as well as demonstrations and meet-and-greet opportunities with UMaine sculpture faculty members. Lunch will be provided by the SISS board of directors. To RSVP or for more information, contact Jane Weil at (207) 546-2269 or jweil@myfairpoint.net. This year's symposium will be held July 22-Aug. 30 and is a partnership between SISS and UMaine. UMaine will receive two sculptures that will be located on campus, and the University of Maine Foundation will receive another sculpture. The other groups receiving sculptures are the cities of Bangor and Old Town, the town of Orono, Husson University and Acadia Hospital. The sculptors will work during their six weeks at UMaine from 9 a.m. to 5 p.m. most days of the week in the steam plant parking lot off College Avenue in Orono. The site is free and open to members of the public who want to watch the sculptors at work. Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Coverage of Cross-Border Trade Conference

25 Apr 2012

News media coverage continued Tuesday, the final day of a cross-border trade conference co-organized by the University of Maine Canadian-American Center to explore ways to strengthen economic ties between the United States and Canada, with a particular focus on northeastern states and provinces. [Channel 2 \(WLBZ\)](#) covered the conference. [The Bangor Daily News](#) reported on the presence of protesters objecting to a conceptual proposal for a future superhighway linking New Brunswick and Quebec by crossing Maine, which was discussed during the conference. Contact: George Manlove, (207) 581-3756

Article Updates Memorial Gym Renovation Plans

25 Apr 2012

[The Bangor Daily News](#) carried an article on the status of the 2013 renovation plans for Memorial Gym and its basketball court known as The Pit because of its shape and seating configuration. Funds for the work are being raised privately. Contact: George Manlove, (207) 581-3756

UMaine Invites Students to Compete Friday for \$20,000 Engineering Internships at Windstorm, Wind Blade Challenges

26 Apr 2012

What do you get when you combine wind, water, loads of fun, and more than 425 middle and high school students and teachers from more than 40 schools in Maine? You get the Windstorm and Maine Wind Blade Challenges on Friday, April 27, at the University of Maine's New Balance Student Recreation and Fitness Center. UMaine, the Maine Wind Industry Initiative, and the Maine Composites Alliance will welcome participating middle and high school students from more than 40 Maine schools for the daylong events, which begin with an opening ceremony at 9 a.m. Winners of both competitions receive \$20,000 paid internships with UMaine's Advanced Structures and Composites Center. "These events are the perfect combination of two of Maine's greatest natural resources: deepwater offshore wind energy and talented students," said Habib Dagher, director of the Advanced Structures and Composites Center. "Both will usher Maine into the future as the world leader in composites technology and energy independence." UMaine Senior Vice President for Academic Affairs and Provost Susan J. Hunter will give a keynote address during the opening ceremony. Students will begin testing their components at 9:30 a.m. There will be an awards ceremony at around 4 p.m. Results will be available at WindstormChallenge.com. The Wind Blade Challenge matches high school students with composites manufacturers in Maine to research, design, and manufacture model wind blades. The challenge culminates

in a fun competition to see which team invented the most efficient blade. In 2011, the DeepCwind Consortium launched Windstorm Challenge to recruit talented Maine high school students to study engineering and renewable energy at UMaine. Student teams design, develop and test a floating wind turbine concept, and pitch a business plan to a panel of business leaders. Now in its second year, Windstorm Challenge has added in-classroom activities, school tours of UMaine's new Offshore Wind Laboratory and engineering-themed summer camps. It is now one of the largest and most successful science and engineering competition programs in the state. For high school students who are interested, the Advanced Structures and Composites Center will host its Windstorm Challenge Summer Camp this July. Details will be released at Friday's event and on WindstormChallenge.com Contacts: Elizabeth Viselli (Windstorm Challenge) elizabeth.viselli@umit.maine.edu or (207) 581-2831 Paul Williamson (Maine Wind Blade Challenge) pw@mainewindindustry.com or (207) 242-3521 Jessica Bloch, jessica.bloch@umit.maine.edu or (207) 581-3777

UMaine Athletes, Students Volunteer for Stem Cell Match

27 Apr 2012

[The Bangor Daily News](#) and Channel 5 (WABI) reported on a bone marrow drive organized Wednesday by members of the UMaine football team to try to find a stem cell match for the deputy chief of the Maine Warden Service, who has cutaneous T-cell lymphoma. The annual event, started to honor former assistant football coach Jeff Cole, who died from cancer in 2004, attracted more students and community volunteers than previous years, according to head football coach Jack Cosgrove. Contact: George Manlove, (207) 581-3756

TV News Covers Students Shaving Heads for Cancer

27 Apr 2012

WABI TV, Channel 2, (WLBZ) and [Channel 7 \(WVII\)](#) covered the second annual UMaine St. Baldrick's Charity head-shaving Wednesday at UMaine. Some 90 students and members of the campus community shed their locks to show solidarity for children with cancer. Contact: George Manlove, (207) 581-3756

UMaine High-Altitude Balloon Launch Covered

27 Apr 2012

[The Bangor Daily News](#) covered the launch of two large, high-altitude helium-filled balloons from the Pittsfield Municipal Airport as part of a science and engineering project by UMaine students and their adviser Rick Eason, a professor of electrical and computer engineering. The balloons carrying weather instrumentation, GPS transmitters and cameras were expected to go as high as 20 miles before parachuting to Earth for recovery by the students. Contact: George Manlove, (207) 581-3756

Reports Outline Objection to UMaine Plan for Methane Pipeline

27 Apr 2012

[The Bangor Daily News](#) carried an article about objections from Bangor Gas Co. to a proposal to pipe methane gas from the Juniper Ridge Landfill to the UMaine campus to create energy and heat for buildings. [Channel 2 \(WLBZ\)](#) also reported on the hearing in Hallowell before the Maine Public Utilities Commission, which will decide whether to allow the project. Contact: George Manlove, (207) 581-3756

TV News Covers Fiddlehead Demonstration

27 Apr 2012

Channel 7 (WVII), Channel 2 (WLBZ) and Channel 5 (WABI) Wednesday covered a fiddlehead harvesting, handling and preparation demonstration near the Stillwater River put on by UMaine Cooperative Extension specialists David Fuller and Jason Bolton. The [Channel 7 10 p.m. report](#) from Wednesday includes the interview. Contact: George

Manlove, (207) 581-3756

Sun Journal Article Notes Extension Gardening Program

27 Apr 2012

[The Lewiston Sun Journal](#) published an article promoting the benefits of University of Maine Cooperative Extension gardening classes designed for first-time gardeners. UMaine Extension educator Barbara Murphy in the Paris Extension office was interviewed for the story. Contact: George Manlove, (207) 581-3756

Channel 5 Covers U.S. Senate Candidates Forum at UMaine

27 Apr 2012

Channel 5 (WABI) reported on the U.S. Senate candidates forum held Wednesday by UMaine College Republicans, UMaine Democrats and a non-partisan group on campus. Contact: George Manlove, (207) 581-3756

Channel 7 Covers Maine Day Volunteerism

27 Apr 2012

[Channel 7 \(WVII\)](#) Wednesday covered Maine Day volunteerism at the University of Maine Wednesday. Hundreds of students turned out for dozens of cleanup projects on campus and in downtown Orono. Contact: George Manlove, (207) 581-3756

Bangor Daily News Covers President Ferguson's Inauguration

19 Apr 2012

The [Bangor Daily News](#) covered the inauguration of Paul Ferguson, University of Maine's 19th president.

President Ferguson Mentioned in Bangor Daily News Article About Pulitzer Prize-winning Author

18 Apr 2012

University of Maine President Paul Ferguson's inauguration was mentioned in a [Bangor Daily News](#) story about Pulitzer Prize-winning author, Doris Kearns Goodwin.

Study Finds Maine's Golf Industry Generated \$270 Million in 2011

09 May 2012

Activity at Maine's 144 golf courses, along with tourism-related spending by out-of-state golfers, generated a \$270 million statewide economic contribution in 2011, according to research by University of Maine economists Todd Gabe and James McConnon. Gabe and McConnon, who conducted a similar study 11 years ago, recently calculated that the golf industry's \$270 million economic contribution, which includes the expenditures by golfers and related multiplier effects, support 4,935 full- and part-time jobs in Maine, which provided \$90 million in labor income. Study results are based on surveys of Maine golf courses conducted at the end of the 2011 golf season, as well as visitor spending figures from the Maine Office of Tourism. The study was funded by the Maine State Golf Association and Golf Maine. "Golf ranks right up there with activities such as hunting, fishing, skiing and snowmobiling in terms of participation by visitors to Maine," says Gabe, a professor of economics. "The golf courses told us that 31 percent of their players are from outside of Maine, which is almost identical to the out-of-state golfer estimate from our 2001 study." Maine's golf courses indicated that poor weather, the low number of people playing golf, and competition from other courses and activities are some of the biggest challenges facing the golf industry. "The recent global recession has hit the golf industry hard, reducing golfer participation in the United States," says McConnon, a UMaine Extension specialist and

professor of economics. “As we come out of the recession, it’s important that golf courses develop and implement creative and innovative marketing strategies to increase the participation of both resident and non-resident golfers.” The study found, based on figures from the U.S. Census Bureau and the National Golf Foundation, Maine ranks 32nd nationally in terms of the statewide demographics for playing golf. “It’s noteworthy that the many of the states with the best demographics for golf are located in Maine’s primary tourism market,” Gabe adds. “Places such as Connecticut, Massachusetts, New Hampshire, New Jersey and Maryland have some of the most favorable population demographics for playing golf, which explains why so many tourists in Maine are likely to hit the links.” Nancy Storey, executive director of the Maine State Golf Association, one of the project’s sponsors, says, “We in the golf business know that it is an important part of the Maine economy, but this study helps us quantify the impact of golf in the state. “Along with the sport’s large impact on the state economy,” she notes, “the study shows that Maine’s golf courses (also) made about \$1.8 million in charitable donations in 2011.” “Despite its draw,” Storey says, “golf has been under-recognized as a major contributor to Maine’s tourism industry. Golfing tourists are traditionally more affluent, older and willing to spend money on luxury accommodations and dining, meaning that their economic contribution per person is significant. We’re hoping that this study will make people realize how valuable golf really is here in Maine, despite the fact that we essentially have the shortest golf season in the country.” The report is available at the [School of Economics Faculty and Staff Research and Publications website](#). Contact: Todd Gabe, (207) 581-3307; James McConnon, (207) 581-3165

Offshore Wind Lab awarded LEED Gold

09 May 2012

The U.S. Green Building Council has awarded the University of Maine’s Advanced Structures and Composites Center the LEED Gold certification for its newly constructed Offshore Wind Laboratory. This is the first LEED Gold-certified building on the UMaine campus. “This reflects our steadfast commitment to sustainable development as we continue to grow an offshore wind industry in Maine,” said Habib Dagher, the Advanced Structures and Composites Center’s director. LEED certification was established by the U.S. Green Building Council and verified by the Green Building Certification Institute. LEED is the nation’s preeminent program for the design, construction and operation of high-performance green buildings. “The Offshore Wind Laboratory’s LEED certification demonstrates tremendous green building leadership,” said Rick Fedrizzi, president, CEO and founding chair of the U.S. Green Building Council. “The urgency of USGBC’s mission has challenged the industry to move faster and reach further than ever before, and the Offshore Wind Laboratory serves as a prime example with just how much we can accomplish.” The laboratory achieved LEED certification for reductions in energy, water and material use compared to traditional buildings, as well as for its incorporation of natural lighting and other sustainable features. By using less energy and water in construction and operation, LEED certified buildings save money for families, businesses and taxpayers; reduce greenhouse gas emissions; and contribute to a healthier environment for residents, workers and the larger community. The Offshore Wind Laboratory is the only facility in the country with the capability to design and manufacture full-scale wind turbine structural components, floating foundations, ship hulls and to test these components under one roof. During construction, the laboratory created more than 250 full- and part-time jobs. The Washington, D.C.-based U.S. Green Building Council is committed to a prosperous and sustainable future for our nation through cost-efficient and energy-saving green buildings. With a community comprising 80 local affiliates, more than 18,000 member companies and organizations, and more than 167,000 LEED Professional Credential holders, USGBC is the driving force of an industry that is projected to contribute \$554 billion to the U.S. gross domestic product from 2009-2013. USGBC leads an unlikely diverse constituency of builders and environmentalists, corporations and nonprofit organizations, elected officials and concerned citizens, and teachers and students. Buildings in the United States are responsible for 39% of CO2 emissions, 40% of energy consumption, 13% water consumption and 15% of GDP per year, making green building a source of significant economic and environmental opportunity. Greater building efficiency can meet 85% of future U.S. demand for energy, and a national commitment to green building has the potential to generate 2.5 million American jobs. The U.S. Green Building Council's LEED green building certification system is the foremost program for the design, construction and operation of green buildings. Over 100,000 projects are currently participating in the LEED rating systems, comprising over 8 billion square feet of construction space in all 50 states and 114 countries. USGBC was co-founded by Fedrizzi, who spent 25 years as a Fortune 500 executive. Under his 15-year leadership, the organization has become the preeminent green building, membership, policy, standards, influential, education and research organization in the nation. For more information, visit www.usgbc.org.

Engineering's Kinetic Sculpture Design Contest Covered

27 Apr 2012

Channel 2 (WLBZ) reported on a kinetic sculpture competition held Wednesday at UMaine by mechanical engineering technology students as part of their end-of-semester class projects. Several of the kinetic machines will be displayed at the Maine Discovery Museum in Bangor. Contact: George Manlove, (207) 581-3756

David Kleinschmidt: 1953-2012

27 Apr 2012

David G.. Kleinschmidt, 58, a former network administrator for the University of Maine College of Engineering's Civil and Mechanical Engineering Department, died April 20 in Orono, according to his obituary in the Bangor Daily. Born June 8, 1953, in Winchester, Mass., the son of Robert and Elizabeth Kleinschmidt, he graduated from Maine Central Institute with the class of 1971. He served in the U.S. Navy from 1974 to 1978 as an electronic warfare technician. He earned a bachelor's degree in civil engineering in 1981 and a master's degree in 1983, both from UMaine. Kleinschmidt worked as an engineering application programmer before returning to the university and becoming the network administrator for Civil and Mechanical Engineering. His survivors include his children, David Kleinschmidt of Rochester, N.Y., Stephanie Kleinschmidt of Tempe, Ariz., and Jeffrey Kleinschmidt of Glenburn. A memorial service will be held 11 a.m. Tuesday, May 29, at Shorey-Nichols Funeral Home in Pittsfield. A committal service with military honors will be held at Village Cemetery, Peltoma Avenue, Pittsfield. In lieu of flowers, memorial donations may be made in Kleinschmidt's memory to fund ongoing research into the treatment and prevention of Alzheimer's disease at <http://act.alz.org/goto/david.kleinschmidt>. Contact: George Manlove, (207) 581-3756

Orono Bog Boardwalk to Mark 10th Anniversary

27 Apr 2012

The 10th annual opening of the Orono Bog Boardwalk will take place at 7 a.m. on Tuesday, May 1, with a special ceremony to mark the anniversary of one of the region's most popular natural areas. Located in the Rolland F. Perry (Bangor) City Forest, the boardwalk wends its way through forested wetland and out onto a broad, open peat bog. The wheelchair-accessible boardwalk is free to visit and open from 7 a.m. to 6:30 p.m. seven days a week during spring and summer. Managed jointly by the Orono Land Trust, the city of Bangor and the University of Maine, boardwalk operation and maintenance are funded entirely through donations and sales of merchandise. Information about the boardwalk and its nature programs is available on the website www.oronobogwalk.org, or by emailing jim.bird@umit.maine.edu or calling 581-1697. Contact: Jim Bird, (207) 581-1697 or 866-2578

Channel 5 Reports on Engineering's Kinetic Sculptures

27 Apr 2012

Channel 5 (WABI) reported on a University of Maine mechanical engineering technology student projects competition, this year featuring kinetic sculptures – constantly moving game-like machines involving steel balls or marbles racing down small colorful tracks, then lifted by student-built motors to descend again. Herb Crosby, professor of mechanical engineering technology and student Emily West were interviewed for the report, as was Maine Discovery Museum Director Niles Parker. Several of the machines are on display at the museum. The [museum has posted a slide show](#) on the exhibit and a [YouTube video](#) features interviews with student creators and the machines in motion. Contact: George Manlove, (207) 581-3756

Time Posts Article about UMaine Psychologist's Humility Study

27 Apr 2012

[Time magazine](#) has posted a second article online about UMaine researcher Jordan LaBouff, a faculty member in the

Department of Psychology, who determined that people who consider themselves to be humble also tend to be more helpful to others in need. [The first](#) was published in January. Contact: George Manlove, (207) 581-3756

Brewer Comments in MPBN Summers Profile

27 Apr 2012

University of Maine political science faculty member [Mark Brewer was interviewed by Maine Public Broadcasting Network](#) for a perspective report and profile of Republican U.S. Senate candidate Charlie Summers. Brewer says Summers, who currently is Maine's Secretary of State, may garner support from Republicans who like his stance on voter registration and alleged voter fraud.

Contact: George Manlove, (207) 581-3756

UMaine Engineering Student Kinetic Sculptures Hit the Road

27 Apr 2012

Several of the top-ranked University of Maine College of Engineering student-built kinetic sculptures demonstrated this week on campus are being moved to a variety of locations throughout Maine, including the Maine Discovery Museum in Bangor, to illustrate for young people the artistic and practical nature of kinetic machines and engineering. The kinetic sculptures raise small steel balls or marbles to a level where they are released onto sloped winding, curly tracks to whirl around before popping into funnels and baskets to be corkscrewed back up to descend again, a continuous process powered by small electric motors or hand cranks. Eight student teams in the Department of Mechanical Engineering Technology (MET) designed and built sculptures to compete April 25 for exhibition space in the Bangor children's museum, the Bangor International Jetport and the Houlton Junior and Senior High School. Herb Crosby, professor of mechanical engineering technology, and Joel Anderson, an MET lecturer, say the students designing and building the kinetic machines, which resemble children's games, are enthusiastic about the projects. Crosby plans to take some of the more mobile creations to expositions and demonstrations throughout Maine to educate youngsters about the ingenuity and creativity underlying the field of engineering. MET student Jeff Soreide of Bath, Maine, whose team spent as many as 2,400 hours perfecting and tweaking its design, says designing and building the machines gave students practical, hands-on engineering experiences, and help build teamwork skills, which are critical to any project involving several people. "We had a great team," Soreide says. "I couldn't ask for a better bunch of guys." Student Emily West of Hanover, Mass. says it's gratifying to see their creations being put to use. Crosby says the idea came from a conversation with Discovery Museum Director Niles Parker and was inspired by kinetic exhibits at Boston's Logan Airport and the Boston Museum of Science. [Parker wanted something similar](#) for young patrons of his museum and the public. "The ideas of motion, physics, energy, etc. could all be highlighted in such a sculpture, and done so in a very attractive, fun manner that will stop people in their tracks as they walk down Main Street," Parker said in his initial inquiry to Crosby. "I'm really thinking this could become a bit of an icon for the museum." The creations were end-of-semester capstone projects for the students. The [children's museum has posted a YouTube video](#) on the machines in motion and also an [online photo presentation](#). Contact: George Manlove, (207) 581-3756

Former UMaine VP Returning to Head UMaine Foundation

27 Apr 2012

The University of Maine Foundation Board has named Jeffery N. Mills as its new president and CEO, effective July 1. He succeeds Amos E. Orcutt who is retiring June 30 after serving the foundation in this capacity for 22 years. "Based on selection criteria established as we began our national search for a new president/CEO, Dr. Mills represents the total package. Jeff has extensive experience as a non-profit fundraising and alumni relations leader in higher education," says Ellen Stinson, chair of the Foundation Board of Directors. "For the past seven years he served as vice president of University Advancement at Monmouth University, West Long Branch, NJ. He will be returning to familiar territory at the University of Maine where he previously served in the positions of vice president for University Advancement and

president/CEO of the Alumni Association." [A University of Maine Foundation news release](#) has details. Contact: George Manlove, (207) 581-3756

UMaine Infrastructure Improvements Scheduled as Part of ‘Paint and Polish 2012’

30 Apr 2012

In response to his first nine months of extensive visiting with the University of Maine community in campus classrooms, laboratories and legacy buildings, President Paul Ferguson, as part of an initiative referred to as “Paint and Polish 2012,” will allocate approximately \$2.5 million to improve the campus infrastructure. This initiative will include more than a dozen campus buildings and academic areas identified as improvement and deferred maintenance priorities by the deans of UMaine’s six colleges, including the Honors College, and staff of Facilities Management. The \$2.5 million comes from a combination of energy savings realized through improved utility and fuel contracts and increased campus-wide efficiencies, as well as overall cost reductions on a one-time basis. More than \$1.6 million is earmarked for classroom upgrades and improving accessibility, \$895,000 will be directed for painting and minor maintenance to preserve the integrity of campus buildings, including UMaine’s “legacy assets.” Much of the work will begin this summer and is expected to employ numerous local Maine painting and construction companies, as well as elevator, furniture and equipment suppliers. Paint and Polish 2012 is a four-pronged approach to infrastructure improvement, focusing on classroom upgrades, Americans with Disabilities Act (ADA) upgrades, energy-saving initiatives and painting projects. Many are aimed at addressing deferred maintenance that has resulted from decades of budget cuts. All will improve the quality of life for students, faculty, staff and visitors on campus, according to Janet Waldron, UMaine’s Vice President for Administration and Finance. “How the campus looks really matters,” Waldron says. “We have a beautiful campus with legacy buildings. The benefit of these investments is improved aesthetics, higher quality classrooms, more accessible facilities, and an enhanced impression of campus for visitors and prospective students. “President Ferguson is mindful of the effect that facilities have on promoting world-class teaching and research, recruitment, retention and general impressions of campus,” she says. “Proper stewardship of our infrastructure is important to him for these reasons, but also because it makes financial sense. Maintenance costs quadruple if not timely executed.” Facilities Management is pleased to partner with the President Ferguson to care for UMaine’s irreplaceable campus assets, such as Fogler Library, Waldron concluded. Among the buildings slated for improvements:

- Estabrooke Hall, where the first floor will be renovated for office space for Honors College faculty and the Maine Center for Research in STEM Education (RiSE), as well as an interactive, general-purpose classroom with sophisticated audiovisual equipment.
- Fogler Library, which will receive exterior painting and partial first-floor renovation to create additional collaborative academic space for student study groups.
- Crosby Lab, where an elevator will be installed to provide handicapped access to the second floor, and restrooms will be renovated to meet ADA guidelines.
- Clapp Greenhouse, which will receive some upgrades in the south end teaching area.
- D.P. Corbett, where desks and seating in two first-floor classrooms will be replaced.

Contact: Margaret Nagle, 207-581-3745

Painter Michael Lewis to Receive Hartgen Award

30 Apr 2012

The University of Maine Patrons of the Arts board members have selected Michael Lewis, an artist and longtime member of UMaine’s art faculty, as the 2012 Vincent A. Hartgen Award recipient. Since 1966, Lewis has been an integral member of the University of Maine’s Department of Art, serving as department chair and associate dean of the College of Liberal Arts and Sciences. Lewis also has a national reputation as a landscape artist. His work, inspired by his hometown of Orono, is unmistakable — brilliant, fiery skyscapes that burst with color, light and spirit. He exhibits his paintings on a regular basis at Aucocisco Gallery in Portland, Maine. More than 25 of his works are included in the collection of the Fogg Art Museum at Harvard University. His work is also in the collections of the Albertina Museum, Vienna, Austria; the Portland Museum of Art, Portland, Maine; Colby College Museum of Art, Waterville, Maine; and others. Four of Lewis’ paintings were selected for the U.S. Department of State’s Art in the Embassies Program. The paintings were in the American Embassy in Sanaa, Yemen, from 2005 to 2007. Owen Smith, director of UMaine’s Intermedia Master of Fine Arts program, nominated Lewis for the award. He describes Lewis as “the soul of our department.” “He is a leader in the arts by example, inspiring both his students and his colleagues to be wholly and deeply involved in arts, and to understand the arts not only as an area of study but as a way of making a full and rich

life,” Smith says. “Many UMaine students who have gone on to successful careers in the visual arts owe, in part, their success to Mike’s teaching, his spirit of giving and his enthusiasm for all that art can be.” The Hartgen award is given each year in recognition of outstanding contributions to the advancement of the arts at the university. Vincent Hartgen was a famous Maine artist and founding member of the University of Maine Department of Art and what is now the University of Maine Museum of Art in Bangor. The awards ceremony will take place May 11 at Buchanan Alumni House. For more information, call Cathy Brown at 581-4703. Contact: Danny Williams, 581-5100; Michael Lewis: 581-3279

University of Maine Commencement Scheduled for May 5

30 Apr 2012

The University of Maine’s 210th Commencement will be held in two ceremonies in Harold Alfond Sports Arena on Saturday, May 5. UMaine’s Commencement is the state’s largest graduation. More than 14,000 people are expected to attend, making it one of Maine’s largest annual single-day events. A 10 a.m. ceremony is for graduates in the College of Business, Public Policy and Health; the College of Liberal Arts and Sciences; and the Division of Lifelong Learning. Graduates in the College of Education and Human Development; the College of Engineering; and the College of Natural Sciences, Forestry, and Agriculture will receive their degrees at a 2:30 p.m. ceremony. The Commencement speakers and honorary doctorate recipients are Owen Wells, vice chair of the board of trustees of the Libra Foundation, a Portland-based philanthropic organization, and UMaine alumnus George Sakellaris, president and chief executive officer of Ameresco Inc., a leading North American energy efficiency and renewable energy company headquartered in Framingham, Mass. Wells will address the morning Commencement ceremony; Sakellaris the afternoon event. Valedictorian of the UMaine Class of 2012 is Rachel Binder-Hathaway of Millinocket. Binder-Hathaway graduates with dual degrees in financial economics and in business administration in finance, with an additional major in accounting. She is also a member of the Honors College and was named the Outstanding Graduating Student in the College of Business, Public Policy and Health. Currently, Binder-Hathaway is a Fulbright Fellow in Bangladesh. Kayla Peard of York is the salutatorian of the UMaine Class of 2012. Peard majored in music education and also was an honors student. She is a graduate of York High School, where she was valedictorian. Peard plans to work as a music teacher before pursuing a master’s degree in instrumental conducting. Also being honored are the four UMaine professors named to UMaine’s top annual faculty awards: Professor of Chemical Engineering Joseph Genco, 2012 Distinguished Maine Professor Award; Professor of Biochemistry Mary Rumpho, Presidential Outstanding Teaching Award; Professor of Chemical Engineering Hemant Pendse, Presidential Research and Creative Achievement Award; and Associate Professor of Mechanical Engineering Technology Karen Horton, Presidential Public Service Achievement Award. Contact: Margaret Nagle, (207) 581-3745

Tips for Attending University of Maine Commencement Saturday

30 Apr 2012

The University of Maine’s 210th Commencement will be Saturday, May 5. Also beginning that day are the America East Outdoor Track and Field Championships. Commencement, which is one of Maine’s largest single-day, indoor annual events, features ceremonies at 10 a.m. and 2:30 p.m. in Harold Alfond Sports Area to award undergraduate and graduate degrees to students graduating from Maine’s flagship university. The Track and Field Championships, May 5-6, will feature athletes from the nine America East schools competing in Harold Alfond Stadium. The UMaine Police Department reminds motorists that traffic May 5 will be heavier than usual in the Orono area. Anyone attending Commencement should plan to arrive early. Doors open at 8 a.m. Shuttle buses will provide transportation to Alfond Arena from the Steam Plant parking lot, the Belgrade parking lot, the Collins Center for the Arts parking lot and the Hilltop parking lot. In addition, for those who opt to park in Orono on May 5, the Black Bear Orono Express Shuttle will run two buses, making a complete route every 15 minutes on campus, including a stop on Gym Drive. Vehicles with handicapped plates or placards can be parked in the Satellite Lot behind Alfond Arena. There will be a designated handicapped drop-off area on the side of the Alfond Arena, where University Volunteer Ambulance personnel will be available to assist attendees. In Alfond Arena, backpacks and strollers are prohibited. The commencement floor level is not accessible by spectators for any purpose, including photos. The ceremonies will be broadcast on video monitors in Memorial Gym in the event that Alfond Arena reaches its legally allowable capacity. Visitors reminded that the

University of Maine is a tobacco-free campus. Contact: Margaret Nagle, (207) 581-3745

JAMA Editorial Focuses on Prescription Opiate Abuse Epidemic in Newborns

09 May 2012

As the national epidemic of opiate abuse and addiction continues to swell, the social and financial burden of treating infants born to drug-addicted mothers grows, too. In poor, rural states like Maine, where opiate abuse rates are among the highest in the nation, clinicians and researchers have developed an expertise born of necessity in managing opiate addiction in pregnant women and Neonatal Abstinence Syndrome (NAS) in the infants they bear. But rural states also are the most likely feel the pinch in their cash-strapped Medicaid budgets of the increased demand for treatment. The current issue of the "Journal of the American Medical Association" features an editorial co-written by University of Maine psychology professor Marie Hayes and Dr. Mark Brown, chief of pediatrics and director of nurseries at Eastern Maine Medical Center in Bangor. The article, "The Epidemic of Prescription Opiate Abuse and Neonatal Abstinence," details the challenges of caring for this vulnerable population, cautions against defunding maternal treatment programs, and calls for stepped-up research into effective medications and other protocols. "The burden of addiction on state Medicaid budgets threatens retrenchment of recently established programs despite increased need. This poses a crisis of care for affected fetuses and newborns," Brown and Hayes write. "However, without accessible treatment of both maternal opiate addiction and new methods of treating NAS, state and federal systems may pay in the future because many of these infants require special services for developmental and behavioral disorders." Maine's high rate of opiate abuse – 386 admissions per 100,000 population in 2009 compared to the 45/100,000 national average – has challenged clinicians at the state's two largest hospitals, Eastern Maine Medical Center in Bangor and Maine Medical Center in Portland, according to the editorial. The JAMA issue also features a report on the rapidly increasing cost of treating NAS in the United States, entitled "Neonatal Abstinence Syndrome and Associated Health Care Expenditures, United States, 2000-2009." Lead author Dr. Stephen W. Patrick of the University of Michigan Health System in Ann Arbor calls on the medical community to develop treatment innovations and efficiencies in order to improve outcomes and drive down costs for state Medicaid programs, even as demand for treatment grows. Hayes, who is a member of UMaine's Graduate School of Biomedical Sciences, and Brown are conducting an ongoing longitudinal study of NAS babies, tracking their physiological and cognitive development into their toddler years. Symptoms of NAS include tremors, neurologic irritability, seizures, respiratory distress, feeding difficulties, gastric distress and sleep disturbance. Approximately 60 to 80 percent of infants exposed to opiate drugs in utero develop some or all of these symptoms shortly after birth. In some cases, medical providers are aware of the mother's drug use and are on the lookout for NAS in their infants, which improves outcomes. In many other cases, clinicians have not anticipated the possibility of NAS and treatment is delayed. Infants who develop NAS require 24-hour hospital inpatient monitoring and pharmacological management of their withdrawal. The average length of hospitalization is 16 days. Patrick estimates the average cost of NAS hospitalization in 2009 was about \$53,000 per case, increasing in recent years by more than five times the rate of other hospital costs. Between 2000 and 2009, the incidence of hospital-treated NAS rose from 1.2 cases per 1,000 births to 3.39/1,000. The rate of maternal opiate use increased over the study period by a factor of five. The standard of care for managing opiate-dependent women during pregnancy is replacement drug therapy, using either methadone or buprenorphine, along with psychotherapy. Women who comply with replacement therapy protocols are less likely to deliver prematurely and their babies are generally healthier than those born to women who continue to use street drugs. Treatment protocols vary widely and Patrick's study does not specifically address this cost. But the cost of both prenatal maintenance therapy and NAS treatment is borne most often by state Medicaid programs. "The increasing incidence of NAS and its related health care expenditures call for increased public health measures to reduce antenatal exposure to opiates across the United States," Patrick concludes. "In addition, further innovation and standardization of treatment of NAS may mitigate NAS symptoms and reduce hospital [length of stay.] States are poised to seek innovative solutions to decreasing the burden of NAS, because the majority of hospital expenditures for this condition are shouldered by state Medicaid programs." Contact: Margaret Nagle, (207) 581-3745

Early Literacy Conference in the News

30 Apr 2012

Correll Professor of Early Literacy Susan Bennett-Armistead was interviewed for a [Channel 2 \(WLBZ\)](#) report on the

"Growing Up Healthy, Building Children's World Knowledge Through Literacy" conference Saturday at UMaine. An estimated 100 educators from around Maine registered to attend. Contact: George Manlove, (207) 581-3756

UMaine Dance Marathon Raises \$30,000 for Charity

30 Apr 2012

Channel 5 (WABI) reported on Bearfest, a recent all-night dance marathon organized at UMaine by students to raise money for Children's Miracle Network. More than 300 students and supporters participated and raised an estimated \$30,000, according to the report. Contact: George Manlove, (207) 581-3756

Media Coverage of UMaine Extension Fiddlehead Demonstrations

30 Apr 2012

Channel 5 (WABI) and [the Bangor Daily News](#) carried reports on proper identification, harvesting and preparation of fiddleheads. The Bangor Daily News interviewed Lauren St. Germaine, a University of Maine Cooperative Extension home horticulture coordinator, and Dave Fuller, agriculture and non-timber forest products professional at UMaine Extension. Channel 5 last week interviewed Fuller and Jason Bolton, a UMaine Extension food safety specialist, about fiddleheads. Fuller also was interviewed for a [story in the weekend Sun Journal](#) about the first annual Fiddlehead Festival field trip in Farmington. Contact: George Manlove, (207) 581-3756

Column Features Fogler Genealogy Resources

30 Apr 2012

[A column in the Bangor Daily News](#) describes resources for the genealogists at UMaine's Fogler Library and the Bangor Public Library. Saucier says Fogler's hours are convenient and resources unique. Contact: George Manlove, (207) 581-3756

Hockey Coach in MSNBC Report

30 Apr 2012

UMaine men's hockey coach Tim Whitehead appeared in a [photo that went with a story](#) on the MSNBC website about Bangor author Sarah Smiley and her project to entertain a different dinner guest each weekend while her husband is deployed. Whitehead and members of the hockey team were dinner guests in February. Contact: Jessica Bloch, (207) 581-3777

Newspaper Advances Symposium Workshop

30 Apr 2012

[The Bangor Daily News advanced](#) Saturday's Schoodic International Sculpture Symposium teachers' workshop, which was held at UMaine in the Donald P. Corbett building and also in the UMaine art department's sculpture workshop. Daniel Lux, a faculty member in the UMaine Department of Earth Sciences, was also noted as being scheduled to give a talk on Maine granite. UMaine is hosting the symposium this summer in the steam plant parking lot. Contact: Jessica Bloch, (207) 581-3777

Students from Millinocket and York Named 2012 UMaine Valedictorian and Salutatorian

01 May 2012

Rachel Binder-Hathaway of Millinocket has been named the valedictorian of the University of Maine Class of 2012. Kayla Peard of York is the salutatorian. Both will be honored during UMaine's 210th Commencement slated for May 5

at Harold Alfond Sports Arena. Binder-Hathaway graduates with dual degrees in financial economics and in business administration in finance, with an additional major in accounting. She is also a member of the Honors College and was named the Outstanding Graduating Student in the College of Business, Public Policy and Health. Currently, Binder-Hathaway is a Fulbright Fellow in Bangladesh, where she is conducting microfinance research focused on alleviating poverty, and spearheading on-the-ground efforts for Seeds of Change Consulting Corp., the nonprofit organization she founded. A 1993 graduate of Stearns High School in Millinocket, Binder-Hathaway is a nontraditional student and single mother to 12-year-old son, Jacob. Before coming to UMaine in 2007, Binder-Hathaway worked in New York City as a real estate broker, a fiscal manager for the nonprofit The Fund for the City of New York, and a professional jazz vocalist. In 2009, Binder-Hathaway completed a summer-long microfinance basic training program with the Nobel Peace Prize-winning organization Grameen Bank. She also volunteered as a consultant for Grameen's sister organization, Grameen Trust, where she worked on a microfinance replication project in southern India. In 2011, Binder-Hathaway returned to Bangladesh as a Gilman Scholar to work with the microfinance division at BRAC Bank. At UMaine, Binder-Hathaway's many honors include selection as one of 20 members of the 2011 USA Today's All-USA Academic Collegiate Team, and selection as one of 20 Pearson National Fellows in 2011. Salutatorian Kayla Peard majored in music education and was in the Honors College. She was a Dean's List student and received the Presidential Scholar Award. Peard is a member of the Phi Beta Kappa, Phi Kappa Phi and Pi Kappa Lambda honor societies. For four years, Peard was a member of the University of Maine Symphonic Band, serving as principal trumpet, manager and tour director. She counts performing in Boston's Symphony Hall with the UMaine Symphonic Band among her most memorable UMaine moments. She also played in the University of Maine Jazz and Brass ensembles. For her honors thesis, "The Case for Instrumental Music Education," Peard worked with her mentor, music professor Jack Burt, to research the academic, physical and social benefits of instrumental music education for students. Peard is a graduate of York High School, where she was valedictorian. She plans to work as a music teacher before pursuing a master's degree in instrumental conducting. Contact: Margaret Nagle, (207) 581-3745

UMaine's Annual Top Faculty Awards Presented

01 May 2012

Three engineers and a biochemist are the recipients of the top annual faculty awards at the University of Maine, which will be presented May 4 as part of the Academic Recognition Convocation. Professor of Chemical Engineering Joseph Genco is the 2012 Distinguished Maine Professor, an award presented by the University of Maine Alumni Association to recognize outstanding achievement in UMaine's tripartite mission of teaching, research and public service. Professor of Biochemistry Mary Rumpho is this year's Presidential Outstanding Teaching Award recipient. The 2012 Presidential Research and Creative Achievement Award recipient is Professor of Chemical Engineering Hemant Pendse. Karen Horton, associate professor of mechanical engineering technology, is the recipient of the Presidential Public Service Achievement Award. Excerpts from their award citations follow: **Joseph Genco, 2012 Distinguished Maine Professor Award** Joe Genco is one of the University of Maine's truly outstanding professors. As the heart and soul of the university's internationally recognized pulp and paper program for nearly four decades, he has inspired hundreds of students. High school students considering the university's chemical engineering or pulp and paper program quickly learn from current students and alumni that he is an exceptional professor. His students hold him in high regard, and long after they have embarked on their own careers, they rely on his mentoring support. As a new faculty member, Genco worked with colleagues to re-establish the Ph.D. program in chemical engineering. Shortly after, he received a National Science Foundation CAUSE grant, which he used to completely revise, strengthen and update the pulp and paper curriculum. He teaches many of the undergraduate core chemical engineering courses, and all of the core pulp and paper technology courses. He also advises all of the fifth-year pulp and paper certificate students. He employs the latest technology to teach fundamental principles of chemistry and engineering. Beyond his vast knowledge and experience in his field, he truly mentors his students, makes himself accessible to them and serves as a role model for many. Students consistently praise his compassion and dedication, and the depth of his knowledge. They appreciate his enthusiasm for the subject matter and conversational teaching style, and the respect he shows for students of all levels. They admire his ability to explain complex equations and concepts, as well as his accessibility and efforts to ensure that they succeed. Genco's research and public service have provided far-reaching benefits to the people in Maine, where the papermaking industry plays a vital role. He established the pilot plant that became the Pulp and Paper Process Development Center, and served as its director for a decade. Under his leadership, business at the Process Development Center increased exponentially. He worked to include refining equipment at the center, and now the University of Maine has the best

refining laboratory in the country, and routinely performs studies for industrial companies. His expertise on high-pressure oxygen delignification and ozone bleaching have led to advances in the industry, and his research has significantly improved the cost and environmental position of paper mills throughout the world. He has contributed to better wood fiber utilization, and become the author or co-author of several patents. His research on process modification and how it relates to effluent reduction at pulp and paper mills has helped the industry. He has advocated and advised on better practices to recover, reuse and recycle energy, materials and water in the production of pulp and paper, which, in turn, have improved the economic health and environmental sustainability of the industry. More recently, he has been involved in new advances in biorefinery processes that provide new energy and chemical sources. Genco has published widely in industry publications, provided expert witness in legal proceedings, and presented at conferences. His stellar reputation as an expert brings great prestige to the University of Maine. **Mary Rumpho, 2012 Presidential Outstanding Teaching Award** Students and colleagues alike recognize Mary Rumpho as an outstanding teacher and mentor, and effective communicator and organizer. Her great strengths include her knowledge and enthusiasm of the subject matter, her service to the students, and her flexibility and commitment to continual development as a teacher. Rumpho has influenced and shaped the lives of many students, both in the laboratory and the classroom. She is a demanding professor who expects the best from her students and they, in turn, strive to meet her expectations. And she teaches an array of biochemistry classes, from introductory courses for nonmajors to upper-level undergraduate and graduate classes. The size of these classes ranges from 200 students to an intimate graduate seminar with five students. Many of Rumpho's students have commented on her ability to transform complex principles of biochemistry and make them comprehensible. Rumpho easily develops an excellent rapport with her students and because they find her so approachable, they are more willing to ask questions. Rumpho teaches with a remarkable command of the subject matter and honest enthusiasm for the topic. Across the board, students comment on Rumpho's energy and passion for teaching. One student writes that, "I have taken three module courses with Rumpho and I have found her enthusiasm to be contagious. Not only do I feel more excited and knowledgeable about the material covered in these modules, there is an obvious increase in enthusiasm throughout the classroom." Rumpho also is very active in teaching service and outreach. Her research efforts focus on the uptake of algal chloroplasts by a sea slug, resulting in an animal capable of carrying out photosynthesis. She has adapted this system for educational purposes and has established collaborations with numerous schools to provide sea slugs to be used in education. Rumpho's teaching efforts also include student advising, which requires dedication, organization, clarity and, oftentimes, patience. She is an exceptionally caring person who unerringly makes an extra effort to help and to find resources for students. Whether it is a personal/family issue or an athlete struggling with juggling classes and maintaining grades, Rumpho is supportive, helpful and highly effective. **Hemant Pendse, 2012 Presidential Research and Creative Achievement Award** In three decades at the University of Maine, Hemant Pendse has consistently applied creativity and innovation in numerous research initiatives that have led to significant economic development opportunities for Maine and for industry. His energetic and effective leadership has been instrumental in these interdisciplinary research accomplishments. Pendse is the founding director of the Forest Bioproducts Research Institute and chair of the Chemical and Biological Engineering Department. As one of the world's leading scholars in the fields of colloid instrumentation and forest bioproducts, he exemplifies the University of Maine's excellence. His research and creative achievements rely on the boundary-spanning interdisciplinary teams he assembles. Colleagues enthusiastically cite Pendse's pioneering work for its quality and profound insights. Equally important, he has been recognized for turning scientific discoveries into innovative economic opportunities. Through his leadership, especially in the area of forest bioproducts research, Pendse has also inspired innovative research and creativity in other University of Maine faculty and in industry. His influence extends far beyond campus in ways that have a positive, lasting impact on the university, our state and the nation. He is a consummate visionary and, based on his creativity and leadership, a role model for young faculty and students. Pendse's research has put the University of Maine on the national map of leading research institutions in wood-based biofuels. He brings a sense of mission and personal drive to his research team, making the University of Maine a stronger institution. **Karen Horton, 2012 Presidential Public Service Achievement Award** Karen Horton has compiled an extraordinary record of service — locally, regionally and nationally. Her efforts grow out of her expertise as a faculty member and professional engineer, and demonstrate remarkable creativity, range and persistence. In her service to the Society of Women Engineers (SWE), Horton revitalized the UMaine chapter, served in regional and national positions, and received the national 2010 Outstanding Counselor Award. After enthusiastically getting involved with public policy and lobbying, SWE's national board voted Horton the chair of its Government Relations and Public Policy Committee, a position that has taken her to Capitol Hill and the White House. As SWE Executive Director and CEO Betty Shanahan writes, "Karen is a standout in driving member engagement as the foundation of growing and sustaining our advocacy efforts." Since coming to UMaine in 1997, Horton also convinced her dean to start a program to interest middle-school

girls in engineering; created a teaching evaluation form used by the School of Engineering Technology that avoids gender biases; developed a service-learning applied-research project on the virtual preservation of ruins in the Virgin Islands; and created activities involving professionalism for students in mechanical engineering technology. Horton also organized and raised money for a girls-oriented camp focusing on computer aided design, and supported projects for the Girl's Collaborative. In October 2010, UMaine learned that it would receive a \$3.3 million, five-year ADVANCE grant from the National Science Foundation to effect institutional transformation to advance, retain and recruit women faculty in the sciences and engineering. Simply put, the extensive effort that led to this grant being written would not have even begun without Horton. She built a team, starting with Amy Fried, and then recruited Jody Jellison and Susan Gardner. Jellison notes she originally declined an invitation from Horton to get involved in the endeavor but added: "It is a testament to her determination that I cannot actually remember agreeing to participate in the drafting of a proposal for NSF-ADVANCE or in any other diversity initiative, and yet found myself somehow a part of her team." Consistently, Horton has worked as an individual and as a leader. As UMaine student and SWE Chapter President Emily West wrote in support of this nomination, Horton "encourages each of us to be leaders." And, as Dean Dana Humphrey said, "Professor Horton has had a greater impact on women in the profession of engineering than any current or former University of Maine faculty member. Her impact has been felt from Boardman Hall to the White House." Contact: Margaret Nagle, (207) 581-3745

Grace Ferguson Leads Orono Boardwalk Opening

01 May 2012

[The Bangor Daily News](#) has an article about the seasonal opening of the Orono Bog Boardwalk this morning, led by Grace Ferguson, wife of UMaine President Paul Ferguson. The boardwalk, which is visited by about 30,000 people a year, is jointly managed by the University of Maine, the Orono Land Trust and the city of Bangor. Contact: George Manlove, (207) 581-3756

Dill Interviewed for Article on Seasonal Insects

01 May 2012

Jim Dill, University of Maine Cooperative Extension pest management specialist and professor of biological sciences was interviewed for a [Bangor Daily News article](#) on expectations for seasonal insect populations, including mosquitoes, black flies, bees and garden grubs. Dill says the light winter may mean fewer mosquitoes, more grubs, and probably little change in black fly or bee populations. Contact: George Manlove, (207) 581-3756

Coverage of Wind Blade, Windstorm Challenges

01 May 2012

Several media outlets covered last Friday's Maine Wind Blade and Windstorm Challenges, which were held in UMaine's New Balance Student Recreation and Fitness Center. [The Bangor Daily News](#) interviewed several students who participated in the challenges, which featured competitions for middle and high school students to design, build, implement and test wind power technology components similar to those used in a UMaine research program in deepwater and offshore wind power. Bangor TV station WABI interviewed Habib Dagher, director of UMaine's Advanced Structures and Composites Center, who said he saw among the students' wind blade and turbines some designs he had never thought about. [The North American Windpower website also had a report](#) on the events. Contact: George Manlove, (207) 581-3756

Channels 5, 7, 2 Report on Student Debt

01 May 2012

Gianna Marrs, interim director of the Office of Student Financial Aid at UMaine, and Connie Smith, associate director of the Office of Student Financial Aid, were interviewed Monday by [Channels 5 \(WABI\)](#), [2 \(WLBZ\)](#) and [7 \(WVII\)](#) about the burden of debt Maine's college graduates are facing as the interest rate on government-backed student loans is

poised to double this summer. New Hampshire and Maine currently lead the nation in high student debt. Contact: George Manlove, (207) 581-3756

News Site Reports on Class of 2012 Salutatorian

01 May 2012

Seacoastonline.com in southern Maine carried an article about UMaine music major Kayla Peard of York, Maine, who will graduate May 5 as salutatorian of her class. A member of the UMaine Honors College, Peard has a 4.0 GPA. Contact: George Manlove, (207) 581-3756

Extension's Fitzgerald in MPBN Farming Discussion

01 May 2012

University of Maine Cooperative Extension educator Caragh Fitzgerald was part of a panel discussion on farming in Maine and farming co-ops. The discussion was broadcast live on [Maine Public Broadcasting Network](http://MainePublicBroadcastingNetwork.com). Contact: George Manlove, (207) 581-3756

UMaine Extension Small Business Conference Advanced

01 May 2012

[The Downeast-based Fenceviewer.com](http://TheDowneast-basedFenceviewer.com) news site advanced a planned November Hancock Business Conference and Trade Show in Ellsworth. The article includes quotes about small business in Maine from Gov. Paul LePage and UMaine Extension educator Louis Bassano, who says Maine businesses need access to cost-effective, high-quality training and information to succeed. Contact: George Manlove, (207) 581-3756

Gig.U Network Will Bring Gigabit Internet Speeds to UMaine, Orono, Old Town

09 May 2012

Installation of Maine's first gigabit Internet network commercially available to business and residential customers has begun in the Old Town and Orono communities surrounding the University of Maine. The new ultra-high-speed Gigabit Main Street Internet Network, built by GWI Inc., based in Biddeford, Maine, is expected to drive innovation and create economic opportunity by providing an Internet network as fast as any in the world and will be one of the fastest business-residential networks in the United States. It also will make UMaine one of the fastest-moving and leading innovators of the nationwide Gig.U initiative. UMaine, GWI and Gig.U officials announced the project Wednesday at UMaine. Gig.U — The University Community Next Generation Innovation Project — is a broad-based group of 37 leading research universities across the United States seeking to accelerate the deployment of ultra-high-speed networks to leading U.S. universities and their surrounding communities. The goal is to improve high-speed Internet networks to drive economic growth and stimulate a new generation of innovations addressing critical needs, such as health care and education. "The University of Maine is committed to serving as a catalyst for technological, economic and job development in the state of Maine," said UMaine President Paul Ferguson. "This new Gigabit Main Street network is a perfect example of how we intend to bring people from the public and private sector and the university community together to drive innovation and create economic opportunity." Blair Levin, executive director of the national Gig.U initiative, noted at the announcement Wednesday that the University of Maine was one of the first institutions to sign-up to participate in Gig.U and is now one of the first to move forward, in partnership with GWI, to make the idea of Gig.U a reality in Old Town and Orono, Maine. "This GWI Gigabit Main Street deployment will not just benefit the University of Maine community; it will provide Orono, Old Town, and the state of Maine with the strategic bandwidth advantage necessary to lead in the next generation of broadband innovation," Levin said. GWI's Orono-Old Town Gigabit Main Street Network will be built in two phases, based on customer demand and network use. Phase I will quickly build out and reach downtown districts and business-heavy parts of both Old Town and Orono. Phase II will build out further, based on demand and population density. The Gigabit Main Street network will provide 125 times faster download speeds and 1,000 times faster upload speed than current offerings. The network will be built on an open-access model,

meaning that GWI will install optical fiber to the business and home and make that network infrastructure available to any service provider who wants to offer service to customers within the network. The network will also be mixed-use, meaning that it will serve both business and residential customers. “GWI has always worked to bring innovation and technology together in a way that creates economic opportunity for Maine people,” said GWI Inc. CEO Fletcher Kittredge. “We were proud to partner with the university to bring the Three Ring Binder network to Maine, which runs from Kittery to Fort Kent and is now owned and run by Maine Fiber Company. And we are glad to be here today marking another first: the first Gigabit Main Street network available to both business and residential customers in the state of Maine. “This network will be open-access for any company that wants to offer service to customers, and we hope our success here in Old Town and Orono will lead to the development of other networks and increased economic opportunity in university and rural communities across our state,” Kittredge added. The difference in performance available to both residential and business customers on the Gigabit Main Street network powered by GWI will be dramatic, comparable to the move from dial-up to current “broadband” speeds – at roughly the same price as their current service. Dial-up modems delivered speeds of 30 to 56k. Current broadband speeds are in the neighborhood of 8,000k. GWI’s Gigabit Main Street Network will offer speeds up to 125 times faster than that. Residential customers on GWI’s Gigabit Main Street network will have access to download speeds that are approximately 125 times faster than current broadband services, and as much bandwidth for uploads – a 1,000-fold improvement over current residential connections. This means home users will be able to stream multiple high-definition videos simultaneously, share high-definition videos and pictures with ease, and make clearer phone calls. The additional bandwidth will be offered at rates that are comparable to existing services. GWI will begin offering residential service on the Gigabit Main Street network for \$59.95 per month for a quarter gigabit and \$89.95 for a full gigabit. Business customers will gain access to a faster, more reliable broadband network that supports skip-free, clear, high-definition video conferencing, high-quality voice over IP, and seamless integration of cloud computing solutions. Business pricing will be similarly consistent with current market rates and determined on an individual basis per normal industry practice. Maine’s Congressional Delegation on the Old Town-Orono Gigabit Main Street network **Senator Olympia Snowe:** “Without question, broadband is a necessity for individuals and businesses alike — it provides better access to jobs, education, government, and transforms local markets into global ones. With this expansion of ultra-high speed broadband to Orono and Old Town, these communities will experience the boundless benefit the Internet has to offer on every facet of our daily lives. It will also guarantee Maine businesses and entrepreneurs have access to the necessary advanced broadband infrastructure that will help them continue to drive strong economic growth and create 21st century jobs.” **Senator Susan Collins:** “Particularly in a rural state such as Maine, expanding Internet access is key to keeping up with global competition and to attracting and maintaining economic growth. I commend the University of Maine, the University of Maine System, GWI, Gig U, the City of Old Town and the Town of Orono for working together in a public-private partnership to invest in next-generation broadband capabilities that will help open up a world of information, resources and services.” **Congressman Mike Michaud:** “High-speed Internet connections are not only desirable, they are critical to boosting our nation’s research and development infrastructure and the competitiveness of our businesses. The partners involved with this project should be commended for their vision. Efforts like this will help rebuild our economy and position us for future growth.” **Congresswoman Chellie Pingree:** “This is an exciting opportunity where Maine is leading -- developing some of the most advanced, ultra-high-speed Internet networks available anywhere in the world. This Gigabit Main Street network is going to help create economic opportunity and innovation for existing and new businesses. The University of Maine, GWI, leaders from Old Town and Orono and the local business community have really done a great job working together to make this initiative a reality. I’m confident this success will lead to similar networks across Maine.” University of Maine contact: Margaret Nagle (207) 581-3745 GWI contact: Tom Janenda, (207) 590-8815 or tjanenda@elevate-cc.com

UMaine Researcher in Neonatal Addiction Articles

02 May 2012

University of Maine professor of psychology Marie Hayes, an expert in perinatal and neonatal drug addition and infant withdrawal, was interviewed for several extensive articles on the increasing number of opiate-addicted infants born to addicted mothers. Newspapers included [USA Today](#), the [Wall Street Journal](#), the [New York Times](#) and others that carried an [Associated Press story](#) based on a Monday article on the topic in the Journal of the American Medical Association. Contact: Margaret Nagle, (207) 581-3745

UMaine Extension Educator in Report on Horses' Deaths

02 May 2012

University of Maine Cooperative Extension educator Richard Brzozowski was interviewed for a [Central Maine Morning Sentinel report](#) about horses that died of botulism on a farm in southern Maine. Brzozowski discussed the sensitive stomachs of horses, which may be impacted by impurities in baleage, the partially dried forage in large round bales that is then wrapped in plastic, which inspectors say might be to blame in the horses' deaths. The sealed bales can create conditions for the botulism bacteria to grow. Contact: Jessica Bloch, (207) 581-3777

Martin Column on Foreign News Bureaus

02 May 2012

In a [Columbia Journalism Review column](#), Justin Martin, a UMaine College of Liberal Arts and Sciences-Honors College preceptor of journalism, writes that news organizations often overstate the size of their foreign bureaus. Martin believes the use of the word bureau to describe a single correspondent in a particular city is meant to trick audiences into believing the news organization funds a sprawling newsroom in that location. Contact: Jessica Bloch, (207) 581-3777

Dana Interviewed About Dayglow Event

02 May 2012

University of Maine Dean of Student Affairs Robert Dana told the [Bangor Daily News](#) that the Dayglow music, paint and dance party that came to UMaine on Maine Day probably will not be invited back in the future. "Thousands of students had a wonderful time and a small number of people misbehaved and ended up in trouble," Dana told the BDN. Contact: Jessica Bloch, (207) 581-3777

Dill Discusses Season's Honeybee Outlook

02 May 2012

Jim Dill, University of Maine Cooperative Extension pest management specialist, discussed expectations for honeybees this year, in view of the light winter, with [Channel 7 \(WVII\)](#). Dill says elevated mite populations could cause a decline in this year's bee populations, but hives are healthy at this point. Contact: George Manlove, (207) 581-3756

Newspaper Reports on Engineering Students' Honduras Project

02 May 2012

[The Portland Press Herald](#) carried a story about the UMaine student chapter of Engineers Without Borders, whose members recently designed and installed a new sewage and wastewater disposal system in a small rural village in Honduras. Students have been volunteering over spring and winter breaks on the project for several years. Contact: George Manlove, (207) 581-3756

Marine Sciences Grad Student Symposium May 7-8

03 May 2012

Graduate students in the University of Maine's School of Marine Sciences will have the opportunity to discuss their research at the 13th Annual Graduate Student Symposium, May 7-8 at the Darling Marine Center in Walpole, Maine. Research presentations start each day at 9:30 a.m. Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

UMaine Gig.U Collaboration Widely Reported

03 May 2012

[The Network World website](#) posted an article about the Gig.U high-speed fiber network collaboration involving the University of Maine, GWI and Gig.U, a national initiative that includes 37 leading research institutions in the United States. The collaboration will mean Maine communities, starting in the Orono-Old Town area, will have commercial and residential access to the Internet that is as fast as any in the world. Reports on the project also appeared in the [Bangor Daily News](#), [Channel 5, \(WABI\)](#) and [Channel 7 \(WVII\)](#). Contact: Margaret Nagle, (207) 581-3745

Sci-Tech Posts Addicted Newborns Article with Hayes Comments

03 May 2012

[The Sci-Tech.com website](#) posted a USA Today article about an increase in opiate-addicted infants born to addicted mothers, and the potential consequences. The article included comments from University of Maine psychology professor Marie Hayes, a research authority in that field. Contact: George Manlove, (207) 581-3756

Historian Interviewed for Article About UMaine System Hiring

03 May 2012

UMaine historian Howard Segal was quoted in an article in the [Bangor Daily News](#) about certain hiring practices of the University of Maine System. The article probed the hiring of seven upper-level UMaine System employees, including Elaine Clark, former UMaine executive director for facilities and real estate. Contact: George Manlove, (207) 581-3756

Documentary Airing on MPBN Features UMaine Marine Scientists

04 May 2012

Scientists from the University of Maine's [Center for Cooperative Aquaculture Research](#) will be featured "The Cod Academy," a documentary being broadcast by Maine Public Broadcasting Network at 11 a.m. on Saturday, May 5 and 12:30 a.m. on Monday, May 14. The 27-minute documentary focuses on a pilot program to introduce those who fish in the Gulf of Maine to cod farming in light of depleted wild cod stocks "[The Cod Academy](#)". The Cod Academy project was funded by the National Oceanic and Atmospheric Administration through the Maine Aquaculture Association. Contact: George Manlove, (207) 581-3756

Pettigrew in AP Report on New Ocean Research Vehicle

04 May 2012

Neal Pettigrew, a professor of physical oceanography at the University of Maine, was interviewed for an Associated Press article appearing on the [Wisconsin Sheboyganpress.com website](#) about a new unmanned ocean research vehicle, Wave Glider, launched Thursday near Monhegan Island in the Gulf of Maine. A result of a collaboration between UMaine's School of Marine Sciences and Wave Glider manufacturer Liquid Robotics Inc. in California, and coordinated by the U.S. Integrated Ocean Observing System, the robotic vehicle is powered by waves and controlled remotely to collect data on ocean conditions and identify the locations of certain tagged fish. [Portland television station Channel 13 \(WGME\)](#) and the [New England Cable News website](#) also carried parts of the AP article. Contact: George Manlove, (207) 581-3756

U.K. Courier Article Cites UMaine Lobster Research

04 May 2012

[The Courier, a Scottish newspaper, posted on its website](#) an article about environmental issues that could result from the construction of offshore wind turbines off the Scottish coast. It cited a 2008 study by the University of Maine's Lobster

Institute that reported a number of potential problems that offshore wind turbines could create for lobsters and other crustaceans. Contact: George Manlove, (207) 581-3756

BDN Features UMaine Honor Student

04 May 2012

[The Bangor Daily News](#) carried an article about University of Maine senior Samantha Paradis of Frenchville, who will graduate Saturday summa cum laude with degrees in nursing and psychology. Her mother Stacy Paradis will receive a degree in rural public safety May 12 at the University of Maine at Fort Kent, while her sister Sarah graduates as the honor essayist from Wisdom High School. Contact: George Manlove, (207) 581-3756

Ippolito Interviewed about Vibrating Tattoo Technology

04 May 2012

Jon Ippolito, a member of the UMaine new media faculty, was interviewed for a recent Channel 7 (WVII) news report on a patent Nokia has obtained for a vibrating tattoo to silently alert cell phone users to phone calls or messages. Ippolito discusses the desire for many people today to remain connected to communications technologies as new opportunities emerge. Reporter Nicole Gerber posted the [interview on YouTube](#). Contact: George Manlove, (207) 581-3756

Reports Continue on UMaine High-Speed Internet Collaboration

04 May 2012

[The business and technology magazine website CIO](#), the [California-based Campus Technology](#), [Mainebiz](#) and the [Maine Public Broadcasting Network](#) carried reports about the Gig.U high-speed Internet broadband collaboration announced this week among UMaine, GWI Inc. Internet provider and 36 other leading research institutions across the country. The collaboration will provide Maine's first commercial and residential gigabit Internet access, starting in the Old Town-Orono area. In his column in the [Bangor Daily News](#), Michael Aube, president of Eastern Maine Development Corp. in Bangor, discussed the project in a piece about improving economic development opportunities in the Bangor area. Contact: Margaret Nagle, (207) 581-3745

UMaine Graduates One of Its Largest Classes

05 May 2012

One of the largest classes in University of Maine history graduated today in the 210th Commencement ceremonies at Harold Alfond Sports Arena. This academic year, 2,467 students — 1,875 undergraduate and 592 graduate students — earned degrees from UMaine. A estimated 12,200 people combined attended the two ceremonies. A 10 a.m. ceremony was held for graduates in the College of Business, Public Policy and Health; the College of Liberal Arts and Sciences; and the Division of Lifelong Learning. Graduates in the College of Education and Human Development; the College of Engineering; and the College of Natural Sciences, Forestry, and Agriculture were recognized at a 2:30 p.m. ceremony. UMaine President Paul W. Ferguson, who presided over the ceremonies, told the students they are graduating from one of the finest universities in the country, and the hope is that their experience and education at UMaine have inspired them to dare and achieve. "I encourage you to invest your talent, success and great achievements in the lives around you," Ferguson said. "Enrich the world around you and improve the quality of life for all around you. That is the best return we could ask for all of our investment in you." UMaine awarded honorary degrees to two alumni: Owen Wells, vice chair of the board of trustees of the Libra Foundation, a Portland-based philanthropic organization, and George Sakellaris, president and chief executive officer of Ameresco Inc., a leading North American energy efficiency and renewable energy company headquartered in Framingham, Mass. Wells addressed the morning Commencement ceremony, telling the graduates they need to make success their mantra, and elaborating on the multiple definitions of success — from waking up in the morning and being motivated to begin the day to expecting the unexpected and being happy to taking risks and failing sometimes. "Success means being a part of progress," said Wells. "The future belongs

to those who build it. Take your degree and look at it as a ticket to serve as opposed to being served. It will afford you opportunities both great and small.” In the afternoon Commencement ceremony, Sakellaris reminded graduates that they control their own destinies. “Once you identify your career passion, never, never give up, no matter what the challenges or obstacles that come your way,” Sakellaris said. “Like my ancient ancestors, the 300 Spartans who defeated the 30,000 and changed the course of history, set your sights on your goal, believe strongly in yourself and be determined to be victorious rather than defeated.” Professor of Chemical Engineering Joseph Genco, the 2012 Distinguished Maine Professor, presented the Celebration of Academia address, acknowledging the period of change the new graduates are experiencing in their lives. Also recognized during the ceremonies were three professors honored with this year’s Presidential Achievement Awards: Professor of Biochemistry Mary Rumpho, Presidential Outstanding Teaching Award; Professor of Chemical Engineering Hemant Pendse, Presidential Research and Creative Achievement Award; and Associate Professor of Mechanical Engineering Technology Karen Horton, Presidential Public Service Achievement Award. University of Maine System Board of Trustees members and UMaine alumni Paul Mitchell and Eleanor Baker delivered greetings from the board in the morning and afternoon sessions, respectively. Alumnus Kurt Marston, chair of the University of Maine Alumni Association Board of Directors, welcomed the new graduates to the ranks of the more than 100,000 living University of Maine alumni. Valedictorian of the UMaine Class of 2012 is Rachel Binder-Hathaway of Millinocket, Maine. Binder-Hathaway earned dual degrees in financial economics and in business administration in finance, with an additional major in accounting. She is the Outstanding Graduating Student in the College of Business, Public Policy and Health. Binder-Hathaway is a Fulbright Fellow in Bangladesh. The salutatorian is Kayla Peard of York, Maine, majored in music education. A graduate of York High School, where she was valedictorian, Peard plans to work as a music teacher before pursuing a master’s degree in instrumental conducting. Contact: Margaret Nagle, (207) 581-3745

Faculty Members Making a Difference with Black Bear Athletics

07 May 2012

University of Maine President Paul Ferguson has established a new Faculty Liaison Program with the Department of Athletics in which faculty members volunteer to serve as academic mentors, role models and advocates for each of UMaine’s intercollegiate athletic teams. Faculty liaisons have three key areas of focus: student-athlete welfare, academic integrity and commitment to rules compliance. They help student-athletes navigate the challenges and opportunities of a college experience, emphasize the importance of academic achievement and facilitate effective academic counseling, especially at the beginning of each semester. Liaisons also become familiar with the NCAA Manual and work with the head coaches to ensure that team members are periodically briefed on the rules pertaining to them. Duties of a faculty liaison include attendance at home contests and some away competitions, assistance in student-athlete exit interviews and, at the coaches’ request, help in selecting team captains. Liaisons also communicate with the NCAA Faculty Athletics Representative and/or Director of Athletics Steve Abbott on any matter of concern regarding student-athlete welfare, academic integrity and rules compliance. All of Maine’s athletics programs participate in the Faculty Liaison Program. Abbott makes faculty liaison recommendations to President Ferguson for approval and formal appointment to two-year terms. Faculty liaisons must hold UMaine faculty appointments. And because the program is voluntary, faculty liaisons receive no compensation, although they may travel with their team on a space-available basis. The UMaine teams still seeking faculty liaisons are: men’s basketball, baseball, softball, men’s and women’s track and field, men’s and women’s cross country, and men’s and women’s swimming and diving. Faculty members wishing to be considered for the Faculty Liaison Program should submit a one-page expression of interest by email or mail to: Bob Strong, UMaine’s NCAA Faculty Athletics Representative, 301 Corbett Business Building. Contact: Margaret Nagle, (207) 581-3745

Climate Change Institute Field Team at Work in Denali

07 May 2012

Editor’s Note: This is the second in a series of blog posts from UMaine’s Climate Change Institute, which is currently conducting fieldwork in the Alaska Range. Seth Campbell, a University of Maine graduate student pursuing his Ph.D. through UMaine’s Climate Change Institute and Department of Earth Sciences, is leading an expedition with several other researchers in Denali National Park in Alaska. This will be his fifth field season in Denali. We just returned from

our short field season on the Traleika and Muldrow Glaciers, where we collected ice depth data and measured glacier velocity at locations that Denali National Park and Preserve scientists have maintained during the past several years. We were picked up by the park helicopter around 3:30 p.m. today (May 2) and transported back to Kahiltna Base Camp where we are staging our next two weeks of field work primarily on the Kahiltna Glacier. Curtis, Lyndsey and I met three of our other field researchers (Brad Markle, Adam Toolanen and Dave Silverstone) at base camp today and we plan to depart up-glacier tomorrow morning. During the next three days, we will place stakes in the glacier between 7,400 and 10,000 feet above sea level and measure the location of each stake with a GPS system. We will re-measure the stake locations at the end of the field season to determine ice flow velocities at each stake site. We will also collect some images of the internal structure and depth of ice on the upper Kahiltna Glacier using ground-penetrating radar (GPR), so that we can estimate the amount of ice flowing past a given point per unit time (called ice volume flux).

[caption id="attachment_15857" align="alignright" width="300" caption="Seth Campbell and Curtis Marston at work



on the Traleika Glacier."]

[/caption] As far as weather, two days of snow and one day of poor visibility and cloudy conditions on the north side of the mountain (Muldrow and Traleika glaciers) certainly slowed our work down and we spent much time tent-bound waiting out the 16 inches of fresh snow. Once the snow cleared we had minus 20 or colder temperatures to contend with last night into this morning. As I write this today, I think we are dropping down to minus 20 again tonight. At these temperatures, field work becomes much slower during the day and we usually wait until the sun is fully in the sky to take advantage of any warmth we can. I currently have several batteries in my sleeping bag to keep them warm. When we travel and just prior to collecting data, I usually have any cables that work as part of the radar system within my jacket to keep them warm and flexible. The cold makes every delicate piece of equipment all the more breakable, so slow and deliberate use of the equipment and little tricks with the equipment (such as hand warmers on the batteries of the radar system during operation) can make all the difference between collecting field data and coming home empty-handed. The north side of the mountain also has a very different character than the south side. The north sits in the snow/rain shadow, so the region is much drier than the south-facing Alaska Range. Besides the drier conditions, wildlife seemed a bit more abundant considering the Muldrow sits on the edge of the Arctic tundra. We heard a group of wolves howling on the ridge off to the north of the Muldrow one night; we followed tracks of what may have been a marten on another; and had several species of birds (which are also common on the south side of Denali) fly past us and visit camp for a quick stop within the tent vestibule to warm up from the cold before moving on. We are all in good spirits. A good round of mixed-berry pancakes and bacon for dinner (we know, usually a breakfast item!) with some hot Gatorade closed out the evening. The sleeping bags are all full of hot water bottles to keep us warm through the night. We were able to charge some batteries up with the solar power systems this evening. We all hope for sunny and a bit warmer weather tomorrow as we start to move up glacier for the second round of our research this season. More to come in a few days!

Peterson Track Assessment Keeps Racing Safer at Derby

07 May 2012

University of Maine mechanical engineering professor Mick Peterson spent the weekend at the Churchill Downs racetrack in Kentucky consulting with Kentucky Derby race managers and testing the status of the track in the days and hours before the 138th running of the world-famous horse race. Peterson, who is “widely considered the world’s foremost racing surfaces researcher,” according to Churchill Downs Incorporated, has worked with race organizers for the last three years conducting engineering analysis and tests of Churchill Downs’ racing surfaces for safety and consistency. Peterson was also interviewed for a profile of the retiring track superintendent published in the Courier-Journal newspaper of Louisville, Ky. Contact: George Manlove, (207) 581-3756

News Media Cover UMaine 2012 Commencement

07 May 2012

News organizations covered Saturday's graduation ceremonies at the University of Maine and profiled several [graduating seniors, including triplets](#) from Belfast who received UMaine degrees, and [a student](#) from Rockland who overcame homelessness and dire personal circumstances to graduate with high honors. The Chicago Tribune also published the latter article. Local TV stations airing features about students or the ceremonies included Channel 2 (WLBZ) and Channel 5 (WABI). Nearly 2,500 graduates received UMaine degrees. Contact: George Manlove, (207) 581-3756

Milardo in Article on Increase of Single Mothers

07 May 2012

Robert Milardo, professor of family relations at the University of Maine, was interviewed for a [Lewiston Sun Journal](#) story about a nationwide trend in the rising numbers of unmarried mothers and decline of married mothers. Milardo estimated some 50 percent of unmarried mothers are living with a partner and some will become single mothers if those relationships end. The story also appeared in other newspapers, including the [Bangor Daily News](#).

Contact: George Manlove, (207) 581-3756

Boston's WBZ Interviews Dill on New Fruit Fly Threat

07 May 2012

University of Maine Cooperative Extension pest management specialist Jim Dill was interviewed by [Boston's Channel 4 \(WBZ\) television station](#) for a news report on the threat to blueberries and other soft-skinned fruit by a pest new to Maine and New England, the Drosophila Suzukii fly, which is far more damaging to crops than traditionally common fruit flies. Dill also appeared in a [Channel 7](#) report on the fruit fly. Contact: George Manlove, (207) 581-3756

Harkins Interviewed for 'Mompreneurs' Feature

07 May 2012

University of Maine professor of entrepreneurship Jason Harkins was interviewed for a recent [Channel 5 \(WABI\)](#) report on "mompreneurs," mothers who balance family life with running small businesses. Harkins said such entrepreneurship is important to the Maine economy, which depends upon small businesses.

Contact: George Manlove, (207) 581-3756

Brewer Comments in GOP Convention Coverage

08 May 2012

An Associated Press article in the [Bangor Daily News](#) and a [Maine Public Broadcasting Network](#) report included comments from University of Maine political scientist Mark Brewer about the possible effects on Maine's Republican Senate candidates that the weekend's GOP convention had when activists for presidential candidates Ron Paul and Mitt Romney took center stage. Maine Republicans vying for the Senate position had hoped to speak at the convention but were left with little or no podium time, according to the article. Brewer suggested the convention experience could help independent Senate candidate Angus King, who has argued the Republican Party is in disarray.

Contact: George Manlove, (207) 581-3756

Newspaper Reviews UMMA Fiber Arts Exhibit

08 May 2012

[The Bangor Daily News](#) carried a review of the current fiber arts exhibit at the University of Maine Museum of Art, which includes “Vanished into Stitches,” a series of life-size knitted animal pelts. Contact: George Manlove, (207) 581-3756

Biofuel Breakthrough

09 May 2012

The U.S. military is very interested in alternative fuels — in particular, the wood-based biofuels being researched and produced at the University of Maine. Three methods, or pathways, to producing biofuel for use in military jets are being explored by UMaine chemical and biological engineers affiliated with the university’s Forest Bioproducts Research Institute (FBRI). The pathways all aim to produce what are known as drop-in fuels — those that can be used easily in a number of fuel tanks and pipelines. In this video, UMaine faculty and student researchers demonstrate and discuss their major breakthrough in wood-based biofuels. The discovery could be an important key in making biofuels a viable alternative to traditional fuels. [Click here to view the Biofuel Breakthrough video on YouTube.](#)

Planting Blueberries

09 May 2012

David Handley, a University of Maine Cooperative Extension fruit and vegetable specialist, shares tips on how to plant blueberries. The best time to plant blueberries, Handley says, is the early spring when the ground has dried out a bit. [Click here to view the Planting Blueberries video on YouTube.](#)

UMaine Extension Raspberry Video Wins National Award

09 May 2012

David Handley, University of Maine Cooperative Extension vegetable and small fruit specialist at Highmoor Farm in Monmouth, has been judged a winner in the National Association of County Agricultural Agents Communications Awards Program for a video on raspberry pruning. He will be recognized in mid-July at the Communications Awards Luncheon in Charleston, S.C. In addition, a second UMaine entry, an outline of UMaine Extension’s Integrated Pest Management program for [reducing pesticides on sweet corn crops](#) by Handley and UMaine Extension pest management specialist Jim Dill, was named one of three national finalists in the NACAA Search for Excellence program in Crop Production. Contact: George Manlove, (207) 581-3756

Ladenheim Receives Award for Promoting Service-Learning

09 May 2012

University of Maine faculty member, Honors College preceptor and folklorist Melissa Ladenheim has received Maine Campus Compact’s Donald Harward Faculty Award for Service-Learning Excellence. The award recognizes the accomplishments of faculty members in making public service an integral part of their teaching, forging strong and reciprocal community partnerships, and advocating for service learning. The award was presented at a ceremony recently at Bates College, which hosts the Maine Campus Compact, an affiliate of the national Campus Compact.

Klimis-Zacas Named Fulbright Specialist for Blueberry Research

09 May 2012

Dorothy Klimis-Zacas, UMaine professor of food science and human nutrition, has been awarded a Senior Fulbright Specialist grant in agriculture, which will enable her to continue her research on the health benefits of wild blueberries at the Food Science and Human Nutrition Department at the University of Milan in Italy. In 2007 she received a Senior Fulbright Specialist grant to research and teach at the University of Milan, where she has been conducting human trials on the effects of wild blueberries on inflammation and endothelial function as related to cardiovascular disease. Contact: George Manlove, (207) 581-3756

Vermont Author Receives Correll Early Literacy Book Award

09 May 2012

Nationally known children's book author and illustrator Gail Gibbons recently received the first annual Correll Book Award for Excellence in Early Childhood Informational Text, a new national award created through the University of Maine's College of Education and Human Development. Gibbons, of Vermont, has written, illustrated and published more than 170 nonfiction, informational books for children. Her recognitions include the Washington Post's Children's Book Guild Award. Gibbons was the keynote speaker at the second annual Early Literacy Conference, "Growing Up Knowing, building children's world knowledge through literacy," at UMaine on April 28. The Correll Book Award is a result of a gift to the College of Education and Human Development from the Correll family, which shares a deep commitment to the importance of early childhood literacy. Ada Lee Correll formerly taught in the Old Town school system. A gift from the Corrells, now living in Georgia, established a professorship and programs to help advance early childhood literacy in Maine and the nation. Susan Bennett-Armistead, professor of early literacy education and the A.D. Pete and Ada Lee Correll Professor at UMaine, says studies have shown a correlation between children's literacy skills and knowledge of the world. Contact: Susan Bennett-Armistead, (207) 521-4686

Climate Change Expedition Blog on Science Website

09 May 2012

The science website [Adventures in Climate Change](#) has posted a recent blog from a University of Maine Climate Change Institute team currently doing fieldwork in Alaska's Denali National Park. Seth Campbell, a graduate student in the UMaine Climate Change Institute, is leading the expedition and this week posted his second blog updating the status of his team's work on the Traleika and Muldow glaciers. Contact: George Manlove, (207) 581-3756

ADVANCE Conference Bringing Together Maine's Women Faculty

10 May 2012

The University of Maine's ADVANCE Rising Tide Center will host a conference on Monday, May 14, to give female faculty in engineering, mathematics, technology and the physical, biological, natural and social sciences an opportunity to meet and discuss strategies to support professional achievement. "Advancing Women in Academia: A Networking Conference" will be held from 8 a.m. to 3:30 p.m. at the Hilton Garden Inn in Bangor. More than 50 attendees from UMaine, Colby College in Waterville, Husson University in Bangor, Maine Maritime Academy in Castine and the University of Southern Maine in Gorham have registered for the event. Kelly Ward, the chair of the department of educational leadership and counseling psychology at Washington State University, will deliver a keynote address at 9:30 a.m. Ward will speak about "Female Faculty and the Academic Career: Early & Mid Career Perspectives." There will also be afternoon workshop sessions on diversifying faculty, mentoring, and balancing motherhood and faculty life. UMaine's ADVANCE Rising Tide Center was established in 2010 with a \$3.2 million, 5-year National Science Foundation ADVANCE Institutional Transformation grant to recruit, retain and advance women faculty in science and engineering fields. Doing so will "create a rising tide that will lift all boats," thus contributing to Maine's economic development. The Rising Tide Center supports professional development with grants, workshops, mentoring and networking, provides training and improves policies affecting faculty members. By developing a regional network, the Rising Tide Center will connect UMaine to other institutions in the state, enhancing research and linking together

information about job openings for scientists, academics and other professionals. Contact: Amy Fried, (207) 581-1797 or amy.fried@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

UMaine Names Outstanding Employees

10 May 2012

The Classified Employees Advisory Council and the Professional Employees Advisory Council have announced the University of Maine's outstanding employees of the year. CEAC employees selected for 2012 awards are Dianne Perro, the administrative assistant for the Department of Earth Sciences, and Nancy Michaud, a library assistant II in the Science & Engineering Department at Fogler Library. PEAC has named Dominick Varney, who works in the UMaine Explorations Program as an academic adviser, coordinator of the Academic Recovery Program and coordinator of Foundations, and Larry Parent, assistant director for operations, and senior research and development program manager in the Advanced Structures and Composites Center, as the 2012 outstanding employees of the year.

University Singers on European Concert Tour

10 May 2012

More than 40 members of the University of Maine Singers choral ensemble are on their way to Switzerland, Italy and Austria for a weeklong European concert tour. The singers, who raised the money themselves for the tour, will serve as musical ambassadors for the University of Maine throughout Europe. The University Singers is a select choir whose members come from all disciplines across campus. They are accompanied by Dennis Cox, a faculty member who directs the choir, and faculty members Liz Downing (flute), Louis Hall (oboe) and Laura Artesani (piano). Contact: George Manlove, (207) 581-3756

UMaine Graduate Receives Degree in Special Hospital Ceremony

10 May 2012

[The Bangor Daily News](#) carried an article about a surprise graduation ceremony held at Eastern Maine Medical Center Wednesday for engineering major Jackie Blanchard of Corinth, who is undergoing treatment for cancer. UMaine President Paul Ferguson, College of Engineering Dean Dana Humphrey, former Gov. John Baldacci, UMaine women's basketball coach Richard Barron and dozens of friends, family and supporters attended. Blanchard received a degree in civil engineering and was inducted into engineering's Francis Crowe Society. She also managed the women's basketball team. Contact: George Manlove, (207) 581-3756

Lichtenwalner in TV Report on Pets, Poisonous Plants

10 May 2012

Anne Lichtenwalner, director of the UMaine Animal Health Lab, was interviewed for a [Channel 2 \(WLBZ\)](#) news report warning pet owners to keep potentially poisonous flowers and plants away from family pets. Animals that eat leaves from certain plants, like azaleas, daffodils and hostas, can experience vomiting and possibly kidney failure if untreated, Lichtenwalner said. Contact: George Manlove, (207) 581-3756

Thaler Op-Ed Rebuts Climate Change Disparagement

10 May 2012

Environmental lawyer Jeff Thaler, who is a visiting professor of energy policy, law and ethics at the University of Maine, and Brooks Yeager of the Clean-Air Planet coauthored an opinion column appearing in the [Portland Press Herald](#) that challenged assertions in an earlier column that the widely held concept of global warming is losing credibility. The authors cite three recent reports from the National Academy of Sciences confirming that climate is, indeed, changing and that human activities are to blame. Contact: George Manlove, (207) 581-3756

Dagher Comments in Wind Blade Challenge Article

10 May 2012

[An article in the Portland Press Herald](#) about a winning Madison High School student entry in the recent wind technology challenge held at the University of Maine included perspective from Habib Dagher, director of the UMaine's Advanced Structures and Composites Center, which hosted the challenge. According to the article, Dagher likened the potential economic benefits of offshore wind power in Maine to that of oil in Texas. Contact: George Manlove, (207) 581-3756

UMaine working with law enforcement, information security to investigate computer breach

08 May 2012

A University of Maine computer server has been breached by hackers, potentially exposing personal information of individuals who made purchases through campus-based computer stores at UMaine and the University of Arkansas. While law enforcement's forensic analysis of the data continues, early estimates are that up to 1,007 online-only transaction records—including names and partial credit card numbers—from the University of Arkansas were on the server. At UMaine, 2,818 unique identifiers were discovered on the server, which may include as many as 435 credit card numbers and 1,175 social security numbers. It is still unclear whether any of the data was compromised by the hackers. "Any time these attacks occur anywhere in the world, it heightens our awareness and vigilance," says Janet Waldron, UMaine vice president for finance and administration. "We are committed to maintaining the best computer security efforts to prevent such attacks and safeguard institutional data. It is a constant battle." Since 2007, the University of Arkansas was licensed to use a Web-based tool called Buyers Search Assistant (BSA), a supply chain analysis and marketing system developed in 1999 by UMaine's Computer Connection, a campus-based computer store. The compromised BSA server supported only online sales of campus computer stores. It is an isolated system that has no relationship with any other UMaine computer systems containing other student or university data. The BSA system was being phased out at the time of the hacking. University of Arkansas officials first learned of the security breach April 27 through a story posted on the Softpedia website by a hacker activist group. When the University of Maine System Information Security Office was notified, the computer server was taken offline and local, state and federal law enforcement agencies were contacted, according to John Forker, chief information security officer for the University of Maine System who is leading the investigation. Members of the UMaine Police Department, the Maine Computer Crimes Unit of the Maine State Police, the FBI, the University of Maine System Information Security Office and UMaine's Information Technologies Office began on May 2 retrieving data from the server hard drives for forensic analysis. IT experts at the University of Maine System, UMaine and the University of Arkansas have been analyzing the data to understand the extent of the breach. Analysis by law enforcement agencies hopes to shed light on how it happened. Both the University of Arkansas and UMaine reported a breach of personally identifiable information (PII) as required by the laws in each state. The University of Arkansas is working to ensure that its affected cardholders receive notice of the breach. UMaine has engaged the AllClear ID Identity Protection Network to help contact the Computer Connection's affected customers and provide them with at least 12 months of identity protection at no cost. Those services include credit monitoring, alerts regarding credit changes and identity theft insurance. Each person potentially affected will receive a letter with customized information about accessing these identity protection services at UMaine's expense. The University of Maine also experienced a computer security breach in 2010. At that time, two servers were compromised when hackers allegedly accessed personal data from the campus Counseling Center of an estimated 4,585 students. Forensic analysis ultimately revealed that no personal data was uploaded or shared. While computer intrusions are a continual challenge, extensive efforts taken by the University of Maine System have helped identify, prevent and reduce breaches of information. In early 2011, the University of Maine System Board of Trustees approved the creation of an information security policy and plan that put in place a series of actions and protections, including a four-member Office of Information Security dedicated to network and systems security across the statewide system. That group works in conjunction with dozens of campus-based staff. Vulnerability scans are performed quarterly on more than 1,500 server systems. In April 2012, a statewide employee information security awareness training program was implemented and, to date, completed by more than 2,500 faculty and staff systemwide. UMS also is working with all vendors to ensure that third-party contractors safeguard university data. Most recently, UMS contracted with a computer network

monitoring service offered by the company Solutionary to implement intrusion detection sensor equipment for monitoring all campus networks. For more information see an online information center. Contact: Margaret Nagle, 207-581-3745, nagle@maine.edu

Carol Bankart Gilmore: 1940-2012

11 May 2012

Carol Bankart Gilmore, 71, retired professor of business management at the University of Maine and owner of Windrift Farm in Charleston, passed away on May 9, 2012. She suffered a stroke, according to her obituary in the Bangor Daily News. Gilmore was born Dec. 18, 1940. She taught at UMaine from 1977 until the end of the fall 2011 semester. In 2006, she received the university's Presidential Public Service Achievement Award. Gilmore served on numerous UMaine committees and councils and previously taught at high schools, private schools and institutions of higher education in Maine, New Hampshire and Massachusetts. She earned a bachelor of arts in economics from Connecticut College, a master's degree in educational administration and economics from Keene (N.H.) State College, a master of science in labor studies and a doctorate in business administration specializing in industrial relations and human resource management at the University of Massachusetts Amherst. Gilmore was a member of several professional associations and state regulatory boards in Maine and had served as a mediator, a union steward and representative, and also was the Maine Labor Relations Board's employee representative. As a member of State Board of Licensure for Vets, she advocated for the humane treatment of animals. She was a member of several kennel clubs, including the Northern New England Basset Hound Rescue League. She is survived by her pets, friends and relatives, including Martha Broderick of Lincoln and her daughters, and Rob and Mary Cady of Orono and their children. A memorial service for Gilmore is being planned for the early fall. Donations in her memory may be made to Wellspring, 98 Cumberland St., Bangor, ME 04401; or the humane society or animal shelter of your choice. Contact: George Manlove, (207) 581-3756

TV Report on Balloon Launch

11 May 2012

Bangor TV station WABI reported on Wednesday's balloon launch in Farmington, which involved UMaine faculty members and students. The UMaine representatives worked with students from Maine Maritime Academy and USM to help high school students launch giant scientific balloons as part of an experiment to see how different living organisms react to high altitudes. UMaine mechanical engineering student Michael Ostromecky, who was interviewed for the report, said he was glad to see schools working hard to get kids interested in science and math. Rick Eason, a UMaine professor of electrical and computer engineering, is the advisor for UMaine's student ballooning group. Contact: Jessica Bloch, (207) 581-3777

UMaine Clean Sweep' ale May 18-19

11 May 2012

The University of Maine will hold its annual Clean Sweep Sale on from 11 a.m. to 6 p.m. Friday, May 18 and 8 a.m. to 2 p.m. Saturday, May 19 at Estabrooke Hall. Items being sold were donated by students who moved out in early May or by the university. Items for sale include twin beds, dressers, desks, couches, bookcases, shelves, chairs, televisions, printers and computer accessories, mini-fridges, microwaves, small appliances, radios and speakers, lamps, rugs, books, bedding, cleaning supplies and clothing. Proceeds will support the Black Bear Exchange and student service projects coordinated by the Bodwell Center for Service and Volunteerism. Contact the Bodwell Center at 581-3091 for information. Contact: Lisa Morin, 581-4149

Extension Posts May Gardening Tips Information

11 May 2012

The University of Maine Cooperative Extension has posted online the May 2012 issue of [Maine Home Garden News](#).

Articles are written by UMaine Extension specialists, educators, and horticulture professionals, as well as master gardener volunteers in Maine. Topics, including how-to videos, cover gardening preparations best suited for May, garden planning, composting, soil temperatures, garden placement do's and don'ts, and fertilization and lawn care. The monthly online Maine Home Garden News was created in response to increasing requests for information on gardening and timely, seasonal tips, and research-based articles on all aspects of gardening. UMaine Extension Professor Richard Brzozowski serves as editor. Contact: George Manlove, (207)581-3756

News Reports on Server Security Breaches

11 May 2012

Several news organizations, including the [Bangor Daily News](#), [Channel 2 \(WLBZ\)](#), [Channel 5 \(WABI\)](#) and [Channel 7 \(WVII\)](#) reported on the recently discovered security breach of a server located at UMaine. The security breach affected people who had made purchases at UMaine's Computer Connection as well as some people at the University of Arkansas. [KATV](#), an Arkansas TV station, also reported the story. John Forker, chief information security officer for the University of Maine System, and Janet Waldron, vice president of finance and administration, were interviewed by several media outlets. Contact: George Manlove, (207) 581-3756

Bangor Daily News Features UMaine Artist Lewis

11 May 2012

[The Bangor Daily News](#) published a profile of long-time professor art and painter Michael Lewis, the winner of this year's Vincent A. Hartgen Award. The award is given each year in recognition of outstanding contributions to the advancement of the arts at UMaine. A former department chair and associate dean of the College of Liberal Arts and Sciences, Lewis discussed the sources of his inspiration to create the vibrant landscapes for which is known nationally and worldwide. Owen Smith, the director of UMaine's Intermedia Master of Fine Arts program, nominated Lewis for the Hartgen Award and described Lewis as "the soul of our department." Contact: George Manlove, (207) 581-3756

Fried Interviewed for MPBN Campaign Report

11 May 2012

University of Maine political science professor Amy Fried was interviewed by [Maine Public Broadcasting Network](#) for a profile on Democratic U.S. Senate candidate Jon Hinck, a Portland attorney with a diverse background. Fried said Hinck, like the other candidates, must find a way to distinguish himself from the pack. Contact: George Manlove, (207) 581-3756

Netherlands Website Carries Wind Blade Challenge Report

11 May 2012

[The OffshoreWIND.biz website](#) in the Netherlands has posted an article from the Portland Press Herald about a winning Madison High School student entry in the recent Windstorm Challenge held at UMaine. Contact: George Manlove, (207) 581-3756

Segal Authors New Book, 'Utopias'

14 May 2012

Howard Segal, professor of history at the University of Maine, recently published a new book, "Utopias, A Brief History from Ancient Writings to Virtual Communities," with publishers at Wiley-Blackwell. The book complements his earlier publications on utopia and utopianism, "Technological Utopianism in American Culture," written in 1985 and revised in 2005, by now delving into late 20th and early 21st century inventions such as the Internet, social media, edutopia and virtual communities. The book also discusses the largely neglected topics of Latin American and Asian

utopias, especially Chinese and Japanese. Contact: George Manlove, (207) 581-3756

Seger Noted in Science Article on Hibernation

14 May 2012

Rita Seger, a medical doctor and researcher with the University of Maine Department of Animal and Veterinary Sciences, was mentioned in an [article in Science News magazine](#) about what researchers can learn about the physiology of animals that store up fat for hibernation. Seger, who studies how American black bears keep their bones healthy during hibernation, found proteins in the bears' blood indicating that bone-building cells are less active in hibernating animals than in spring bears. The findings were reported in the December 2011 issue of the journal Bone. Contact: George Manlove, (207) 581-3756

UMaine Nursing Program Highlighted

14 May 2012

Several University of Maine nursing students were interviewed for a story in the [Bangor Daily News Health Perspectives special sections story](#) about the UMaine School of Nursing. Students discussed their expectations when they take their skills into the workforce and how their education at UMaine translated to the real world. Contact: George Manlove, (207) 581-3756

Handley in Mother Nature Network Strawberries Article

14 May 2012

University of Maine Cooperative Extension small fruit and vegetable specialist David Handley was interviewed for an [article in Mother Nature Network](#) about the health benefits of strawberries. Handley cited the high levels of potassium and folate in the berries. Contact: George Manlove, (207) 581-3756

UMaine Department of Art Presenting New Summer Exhibits

15 May 2012

The University of Maine Department of Art will present starting May 24 two new exhibits at the Lord Hall Gallery. "Art of the 80s," which represents a wide spectrum of American art created in the 1980s, will feature works from the University of Maine Museum of Art Collection. "Structures" features works by Matt R. Foster, an art student who graduated from UMaine in May. Both exhibitions run through July 20. The Lord Hall Gallery is free, open to the public and handicapped accessible. Contact: Laurie Hicks, 581-3247

Extension Specialist Dill Advises on White Grub Treatment

15 May 2012

Lawn-killing white grubs are being reported in outbreaks in Old Town, Orono and surrounding communities, and now is the time to take preventative measures for the summer and even next year, says Jim Dill, University of Maine Cooperative Extension pest management specialist and professor of biological sciences. Dill is available at (207) 581-3879 to discuss various lawn treatment options, including which pesticides property owners have available to them and when lawns and gardens should be treated for best results. "The situation is that a lot of places got clobbered this year in the Old Town and Orono area," Dill says, who adds that his College Avenue office receives an average of four calls a day from people looking for advice. "Now is the time you ought to be deciding what to do for the summer." Contact: George Manlove, (207) 581-3756

Channel 5 Covers UMaine Networking Conference

15 May 2012

[Channel 5 \(WABI\)](#) reported on a networking conference held Monday by UMaine's ADVANCE Rising Tide Center for teachers from around the state to discuss promoting women's careers in typically male-dominated professions. Amy Fried, professor of political science and a conference participant, said the event also gave teachers a chance to identify commonalities in research and teaching to enhance networking. Contact: George Manlove (207) 581-3756

Climate Change Researchers Cited in Journal Report

15 May 2012

Research on how warming climate affected rainfall in the Southern Hemisphere is the subject of an article in the [May issue of the journal Climate of the Past](#) by University of Maine Climate Change Institute adjunct faculty member Curt Stager, a professor at Paul Smith's College, and Paul Mayewski, Climate Change Institute director, Daniel Dixon, a post-doc researcher in UMaine's Climate Change Institute, and colleagues. The article was cited in a Paul Smith's College news release on the [readMedia website](#). Contact: George Manlove, (207) 581-3756

Bonding Editorial Cites UMaine Research

16 May 2012

An [editorial in the Bangor Daily News](#) about state bonding cited the University of Maine's Advanced Structures & Composites Center and its research and development of deepwater offshore wind energy turbines as an example of the favorable return on investment that bonding can produce. UMaine's Offshore Wind Laboratory is addressing the energy needs of the nation, employing people, teaching students and supporting more than 150 new full-time jobs, the editorial said. Bonding also leverages funding from state and federal sources, it said. Contact: George Manlove, (207) 581-3756

Brewer Interviewed for MPBN Candidate Profile

16 May 2012

University of Maine political scientist Mark Brewer was interviewed for a [Maine Public Broadcasting Network](#) profile on Republican Scott D'Amboise, one of many candidates in the race for retiring U.S. Sen. Olympia Snowe's seat. Brewer suggested that D'Amboise could emerge as a leading contender among Republicans if he capitalizes on his Tea Party affiliations. Contact: George Manlove, (207) 581-3756

Fatal Beech Weather

16 May 2012

Maine's Beech trees have been under attack for decades by beech bark disease that typically appears as disfiguring cankers on a tree species that's supposed to have a smooth and silvery bark. Affected trees grow slowly and can survive for years. But the diseased beech produce few beechnuts, a loss of an important food source for the Maine black bear. According to University of Maine researcher William Livingston of the School of Forest Resources, warmer winter temperatures from 1999 to 2002 allowed populations of the invasive, bark-feeding scale insect to explode and incite a more lethal stage of the disease. Insect feeding and the severe drought at that time weakened the trees' resistance to fungal infection, and many trees died, including those along the Quebec border that were previously unaffected by the disease. Livingston and Matthew Kasson, a former UMaine graduate student now at Pennsylvania State University, reached these conclusions after sampling hundreds of trees in the affected area. After 2002, typical sub-zero winter temperatures and normal summer rains returned, and the scale populations disappeared. However, the damage was done and beech died from 2003 to 2005, say Livingston and Kasson, who published their findings in the journal *Forest Pathology*.

Loon Lakes

16 May 2012

Two years ago when Allison Byrd came to the University of Maine to begin her graduate research on loons, she didn't know much about the large birds. She quickly found out that's not true for Mainers. "Everybody in Maine has a loon story or has seen them," Byrd says. "(Loons) are so iconic and well-loved. Even when I first came to Maine and stopped at a rest stop, there was a big picture of a loon. "To be honest, I was a little intimidated at first. (Then) I realized, OK, I'm really going to have to know my stuff." Two years later, Byrd has gotten closer to more loons in Maine and around the country than most people ever will. Working under UMaine assistant professor Brian Olsen, Byrd is studying the potential effects of climate change on the loon population in Maine and the nation. Loons — in Maine the species is the New England common loon (*Gavia immer*) — are not endangered, but there is much value in data about them. A loon can live more than 30 years, which is relatively long for a wild bird. "It's important to understand population dynamics as the long life span of a loon makes it harder to detect declines in abundance," says Byrd, who graduated from the University of Rhode Island with a degree in wildlife biology. She went on to do fieldwork on black bears and had a job in a fish hatchery in her native New Jersey, worked as a zookeeper in Boston, and did fieldwork with birds in Australia, Mexico, Panama and the U.S. before coming to UMaine to work on her master's in ecology and environmental science. Initially, Byrd was interested in loons because of their unusually aggressive behavior. Loons will kill each other in fierce territorial clashes, which brings up a key question: Why defend one's territory to the death when moving to another lake would seem simpler? That leads into Byrd's research on why loons settle where they do, and how vulnerable the birds are to changes in their habitats and the climate. "In Connecticut, for example, there are suitable lakes and habitat, but there are no loons," she says. "There is something that's limiting the edge of their range, whether it's water clarity, lake surface temperatures, fish assemblages or dissolved oxygen levels. The question is: Are those the same things that are predicted to be affected by climate change?" The research combines demographic analysis, physiological measures and behavioral observations of loons across a range of climatic conditions to predict how changes to lake characteristics could impact loon distributions. To that end, Byrd spent the past two summers banding loons on lakes in the areas of Rangeley and Greenville in western Maine. She also traveled to Montana and Washington state, and recruited biologists in other regions with loon populations to gather behavioral observations of territorial loons. Byrd will combine her more than 2,000 recorded observations with analyses of lakes — both with and without loons — to build a model that shows why loons locate where they do. That model will indicate what will happen to loons if there are climate change-related shifts to lake characteristics. The process of loon banding presents a challenge even before a loon is ready for a band on its leg. If threatened by something such as an approaching boat, a loon will dive underwater, making it impossible for researchers to grab the bird. However, if a loon has chicks that are too young to dive, the adult is more likely to stay on the lake surface. Banders work at night, approaching quietly in the darkness, before turning on a spotlight when they close in on the loon. The light is so bright that the loon cannot see the boat, and the loon is scooped up with a net. If a loon looks as if it might dive despite the light, banders imitate or play sounds of chicks in distress. The sounds momentarily confuse the loon, which will likely stay on the lake surface rather than abandon its chicks. "Everything is very quiet and calm to that point, but things get a little more hectic when you scoop it up because the loon is huge and strong and fighting," she says. "Then you get it into a position where it can't hurt itself, hold it, take blood samples. If it's not (already) banded, you put bands on it, and take bill measurements and other measurements for body size. You release the adult and chick together." Banding and behavioral observations gave Byrd two key statistics. First, she was looking at questions of presence/absence — where loons are living and successfully having chicks, and where they are living but not pulling off young. Second, she considered site fidelity — how likely loons are to return to the same lake year after year. "Thanks to banding, I can look at how often birds come back to a territory, which is going to help understand if that's a preferred habitat," Byrd says. "If there's one lake with a different bird every year, we can start to guess that that's not a good territory or conversely, it's a great territory and they're fighting hard every year and every year someone is getting kicked out. But that's a little less likely because loons are good at maintaining their territory." Byrd took blood samples from loons in Maine, New Hampshire, Montana and Washington state. Part of Byrd's funding and her long-term dataset, which contains historical banding records and site fidelity information, comes from the Biodiversity Research Institute (BRI), a Gorham, Maine-based nonprofit whose mission is to assess emerging threats to wildlife and ecosystems through collaborative research. Byrd uses the blood samples to look at metabolite measures that indicate how well an individual loon is preparing for its winter migration. BRI is also interested in assessing the effects of mercury on ecosystems. Because loons are usually near the top of the food chain in their environment, they are a good bioindicator of the accumulation of mercury in a system. Spending so much time around loons, Byrd has learned something else about the species. Those loon calls we associate with the tranquility of summer on a Maine lake are actually, for the loon, an indication of something a lot less tranquil. "When

they call out in the middle of the night, it's thought that they're doing that because it's quieter or the sound will travel farther, saying, 'Here's where I am, this is my territory,'" Byrd says. "If you hear the yodel, that beautiful sound that is so iconic, and if you look around, there might be another loon or an eagle flying overhead. They even respond sometimes to low-flying airplanes. What they're saying is, 'I'm ready to take you on if I need to.'"

Study Identifies a Hormone that May Help Hibernating Bears Avoid Bone Loss

16 May 2012

A hormone that plays a role in regulating body weight may be a key to understanding how hibernating bears can remain inactive for so long and not experience bone loss, according to a research team led by a University of Maine alumna and researcher. Dr. Rita Seger, a researcher in the University of Maine Department of Animal and Veterinary Sciences, and a team of researchers conducted the bone metabolism study. They compared active and hibernating bears using a suite of 12 serum markers of bone metabolism and X-rays of the bears' paws. The researchers found greater amounts of leptin in hibernating than in active bears. In addition, leptin levels in hibernating bears correlated with serum markers of bone turnover, leading them to hypothesize that the hormone's effect on the sympathetic nervous system may help to prevent bone loss. In essence, the skeleton appeared to perceive that it was "loaded" or supporting an active body, when it was actually "unloaded" during hibernation, the researchers wrote in the journal *Bone*. In animals, activity or mechanical strain is an essential stimulus for bone growth. Inactivity for seven to 26 weeks has been found to result in cortical bone loss of 10 percent to 40 percent in humans, beagles and turkeys. Little brown bats and golden hamsters can lose up to 45 percent of their cortical bone during hibernation. Hibernating bears are the only animals that do not experience unloading-induced bone loss. Researchers hope that greater understanding of the role of leptin in bone biology can contribute to our understanding of — and better treatments of — skeleton-related diseases, such as osteoporosis. Contact: Margaret Nagle, (207) 581-3745

The Race is on to Ensure Horse Track Safety

16 May 2012

The antique Cape Cod-style house on a quiet corner in Orono, Maine, belies its latest occupant. Computers, laboratory benches, and hefty equipment and machinery dominate the furnishings. Lining the walls are stacks of plastic buckets containing labeled soil samples from horse racing tracks all across the U.S. and Canada. While the Racing Surfaces Testing Laboratory may keep an outwardly low profile, the horse racing world is beating at path to its door, hoping to tap into research to improve what have been increasingly long odds in recent decades against keeping equines and their jockeys safe. Racing Surfaces Testing Laboratory founder Michael "Mick" Peterson, a professor of mechanical engineering at the University of Maine, has been contracting with track owners and racing industry leaders since 2004 to test the strength, stability and water-retaining qualities of track surfaces, both natural and synthetic. Groups tapping into the research include Churchill Downs Inc., which launched a Safety from Start to Finish program three years ago and has had Peterson evaluating its racing surfaces. Interest in Peterson's work has surged in response to recent high-profile racing injuries that have captured public attention. In 2008, the 3-year-old filly Eight Belles was euthanized on the track after breaking both front ankles immediately following a second-place finish in the Kentucky Derby. In 2006, the colt Barbaro, a favorite for that year's Triple Crown, shattered 20 bones in his right hind leg while running the Preakness. Barbaro was put down eight months later after efforts to rehabilitate him failed. Devastating injuries such as these raise important questions about track conditions and other factors, says the director of the laboratory, UMaine engineering graduate student Christie Mahaffey. "If a track can say 'We've done all this testing and we have the numbers to back up the integrity of our track,' then it forces officials to look at other issues like drug use, training and genetics," she says. Mahaffey is examining the interface between a horse's galloping hoof and the track surface it strikes. She earned her undergraduate degree in biology from Pennsylvania State University and her master's from College of the Atlantic in Bar Harbor, where she studied the use of spatial modeling to predict the risk of whale strikes — collisions between whales and ships — in the Gulf of Maine. "I started getting interested in the actual mechanics, the physics of the strike," says Mahaffey, who came to UMaine in 2005 to pursue that interest in whales, but wound up changing her focus in order to work in Peterson's lab. Now, using the biomechanical hoof Peterson invented to study racetrack injuries, Mahaffey is primarily interested in what she terms "the first impact" — the split-second of the hoof's initial contact with the track and its small but crucial slide before the horse shifts its weight onto the extended leg. The degree, angle and

depth of that slide, and the track conditions that affect it, are critical factors in injuries sustained by race horses, she says. The robotic hoof is aligned to hit the ground flat while simultaneously sliding at an 82-degree angle. It slams the track surface with the equivalent energy of a horse's impact at full gallop and generates readings on dozens of points representing the hoof and leg anatomy. Mahaffey has travelled with the robotic device, which mounts on the back of a heavy truck, to collect data at tracks and arenas in New York, Florida, Kentucky, California and other states. Racetrack composition in the U.S. varies regionally, Mahaffey notes. West Coast tracks often are built with more clay than eastern tracks, in order to preserve moisture in regions of lower precipitation and humidity. The clay helps maintain the desired shear strength, but may reduce cushioning and make the track surface too hard. Eastern tracks often employ more sand to promote drainage, but may lose some shear strength in the mix. "Horses can get used to training and racing on any surface," Mahaffey says. "But they need time to adjust if they move from one track to another." Variations in composition within one track are also dangerous. "Think if you're running on a beach," Mahaffey says. "If you're running in soft sand, you can adapt your gait for that. But if you're running on hard-packed sand and suddenly hit a soft spot, you'll stumble." By improving the understanding of how specific track materials and moisture conditions affect the way a horse's hoof lands, Mahaffey says her research can help track owners create optimal race surfaces for horses. And if track conditions can be ruled out as a factor when horses are injured, then officials have more reason to investigate the use of performance-enhancing drugs, inappropriate training techniques, genetic factors and other influences. Mahaffey also is looking at the contribution horse shoes make to performance and injury. Like their human counterparts, horse athletes may wear shoes with varying degrees of "tread" cast into their surfaces. Serrated surfaces on the bottom of the shoe may make it easier to grip the track surface after the horse has shifted its weight and is propelling itself forward. But during the initial impact, her data show that shoe serration may actually increase slide. "We're finding that the track surface makes more difference in performance than the shoe," she says, but more testing is needed in this area. Mahaffey, who completed her dissertation this spring, is considering a career in academics as well as options in the fields of biomechanics and rehabilitation. For the short term, though, her leadership of the small lab in Orono is an example of one more new job in Maine that could have a global impact on the safety of the multi-billion-dollar horse racing industry. Contact: Margaret Nagle, (207) 581-3745

'Glooskape Chronicles' Reading May 21

17 May 2012

Readings from "The Glooskape Chronicles: Creation and the Venetian Basket," written by author and University of Maine adjunct faculty member Donna Loring, and directed by Native American author and playwright William S. Yellow Robe, Jr., is being offered free in Room 101 of Neville Hall at 7 p.m. on Monday, May 21. The cast includes members of the UMaine and surrounding communities, including the Penobscot Nation, according to Yellow Robe, the UMaine Libra Diversity Professor in the Department of English. Loring is a UMaine political science alumna, a former Penobscot Nation representative in the Maine Legislature, and now is CEO of Seven Eagles Media Production Corporation, a nonprofit dedicated to giving voice to Native people and providing an outlet for their creativity through video documentaries and multimedia. Contact: George Manlove, (207) 581-3756

Agricultural Magazine Posts UMaine Biofuels Video

17 May 2012

[Western Farm Press](#), a national agricultural magazine covering agribusiness, has posted on its website a University of Maine video on the university's advancing research and production of wood-based biofuels. The magazine notes that the research is of interest to the U.S. military for use in jet fuel. In the video, UMaine researchers discuss a major breakthrough in making biofuels as an alternative to traditional fuels. Contact: George Manlove, (207) 581-3756

Clothing Drive, Fireworks Among Events Planned for Baseball Homestand

18 May 2012

The University of Maine's doubleheaders Friday and Saturday against America East conference leader Stony Brook will be the stage for a series of events before, during and after the games. Friday's doubleheader, which starts at 3 p.m.,

features a Goodwill clothing drive for which donations are welcome. There will be fireworks following the second game. On Saturday, student civil rights teams from the Brownville School, Milo School and Marion C. Cook Elementary School in LaGrange, will be in the Mahaney Diamond stands to be recognized for their efforts to encourage diversity and prevent bullying in schools. The teams are a part of a statewide initiative - the Maine Civil Rights Teams Project - through the Maine Attorney General's Office. The first game, which starts at 1 p.m., will feature Helen Violette, who is retiring after 34 years as an athletic financial aid financial compliance administrator at UMaine, throwing out the first pitch. Saturday also is UMaine baseball's Senior Day and the team's final homestand of the season before moving on to the America East championship tournament, which will be held May 23-25 in Stony Brook, N.Y. Contact: George Manlove, (207) 581-3756

SkyWarn Storm-Spotter Class May 23

18 May 2012

As part of its designation as a StormReady Campus, the University of Maine will host a National Weather Service SkyWarn storm-spotter training class at 7 p.m. on Wednesday, May 23 in the Bangor Room of the Memorial Union. Presented by the National Weather Service office in Caribou, training topics include storm identification, reporting procedures, awareness and safety. The class is free and open to the public. Contact: Tom Spitz, Facility Emergency Coordinator, 207-581-4071

UMaine Business Challenge Winners Announced

18 May 2012

Two brothers from Orrington, Maine, have won top prize in the first annual UMaine Business Challenge for UMaine student entrepreneurs. UMaine marketing student Luke Thomas and Jake Thomas, an outdoor recreation and business student at the University of Maine at Farmington, won \$5,000 cash and start-up business support to promote and market their company, AerialFly, which plans to use low-level unmanned aerial vehicles to assist public safety agencies in emergency situations. Second place went to Shannon Byers, a UMaine student pursuing a master's degree in business administration, for her business [Best in Show Paws](#), a mobile nail clipping service for dogs. Byers received a \$1,000 prize. The competition, started by 2010 UMaine graduates Owen McCarthy, James Morin, Matt Ciampa and Sangam Lama, was designed to foment new businesses started by UMaine students. The founders, who put up their own money for the cash prizes, also say they want to help boost Maine's Forbes Magazine ranking from 50th to 35th in the nation as a business-supportive state within a decade. They have since received support from the UMaine Class of 2010, the Maine Business School and the Foster Center for Student Innovation. Other finalists in the business challenge were James Beaupre, a doctoral candidate in chemical engineering at UMaine, and Nate Wildes, a fourth-year political science student, for their Stillwater Poster Company, an outlet for UMaine artists to sell their work. Tory Stark, a second-year computer science student, and his wife Kimberly Stark had submitted a pitch for their alternative energy company, Bio-Remediation, which uses pelletized industrial waste to convert to bio-gas then energy. They will all receive free business counseling and advice from several independent Maine businesses supporting the program. Contact: George Manlove, (207) 581-3756

Bangor Daily News Article Quotes Ferguson on Surprise Ceremony at Bangor Hospital

09 May 2012

University of Maine President Paul Ferguson attended and spoke at a ceremony honoring a UMaine civil engineering graduate with cancer. [Bangor Daily News](#) covered the event.

UMaine Grad in CNN Report on 'Dinner' Project

18 May 2012

Sarah Smiley, a 2012 University of Maine master of arts in communication graduate and columnist for the Bangor Daily News, was [interviewed for a CNN](#) feature story and video on her "Dinner with the Smileys" project. Smiley and her

children invite special guests once a week to share dinner with her family and fill the vacant chair of her husband, a U.S. Navy pilot deployed overseas. The Smileys have hosted U.S. Sen. Susan Collins, a local minister, Bangor's police chief, a cancer survivor and members of the UMaine men's hockey team, among other VIPs. Contact: George Manlove, (207) 581-3756

BDN Advances 'Glooskape Chronicles'

18 May 2012

The [Bangor Daily News](#) has advanced a stage reading from "The Glooskape Chronicles: Creation and the Venetian Basket," a free and public event at 7 p.m. Monday, May 21 at UMaine's Neville Hall. The play was written by author and UMaine adjunct faculty member Donna Loring, and directed by Native American author and playwright William S. Yellow Robe, Jr., the UMaine Libra Diversity Professor in the Department of English. Contact: George Manlove, (207) 581-3756

UMaine's Hart a Panelist at National Sustainability Symposium

18 May 2012

David Hart, director of the Senator George J. Mitchell Center at the University of Maine and research leader for the UMaine-based Sustainability Solutions Initiative (SSI), was in Washington, D.C. this week serving as a panelist at the prestigious National Academies Symposium "[Science, Innovation, and Partnerships for Sustainability Solutions](#)." Hart, a professor of in the School of Biology and Ecology, was to discuss [SSI](#) as part of a panel discussion "Science for Sustainability: Case Studies of National and International Research." The symposium's objective is to showcase federal investments and institutional structures fostering sustainability and identify opportunities to help promote practices to lead communities toward sustainability. SSI is a partnership among UMaine, University of Southern Maine and other institutions to connect knowledge with action to promote strong economies, vibrant communities and healthy ecosystems. Contact: George Manlove, (207) 581-3756

Nichols Named Dean of UMaine's College of Education and Human Development

21 May 2012

William Dee Nichols has been named Dean of the College of Education and Human Development at the University of Maine, effective July 1. Nichols, who is nationally recognized for his work in the field of literacy, will replace Anne Pooler, who is retiring after 36 years at UMaine. Nichols was recommended following a national search. Nichols serves as professor and head of the School of Teaching and Learning at Western Carolina University. Prior to his current position, he served as professor and department head for elementary and middle grades education at Western Carolina University, associate professor in the Department of Reading and Elementary Education at the University of North Carolina at Charlotte, and associate professor in the Department of Teaching and Learning at Virginia Tech University. Nichols received a master's degree in elementary education from Appalachian State University and a Ph.D. in educational curriculum and instruction from Texas A&M University. UMaine's College of Education and Human Development offers four-year programs in elementary and secondary education, child development and family relations, athletic training, and kinesiology and physical education to approximately 1,000 undergraduates annually. Approximately 1,055 graduate students annually are enrolled in the college's many programs offered at the master's, certificate in advanced study (CAS) and doctoral levels. The doctoral programs include educational leadership, higher education and literacy. Accredited by the National Council for Accreditation of Teacher Education since 1971, the College of Education and Human Development is the home of statewide, regional and national research and professional development programs. It leads the state in research that informs policy and practice for educators, child and family specialists, school counselors and educational leaders. Contact: Margaret Nagle, (207) 581-3745

Extension Experts Interviewed for Honeybee Article

21 May 2012

University of Maine Cooperative Extension professor and blueberry specialist David Yarborough and UMaine Extension entomology specialist Frank Drummond, who holds a joint appointment with UMaine's School of Biology and Ecology, were interviewed for a [Bangor Daily News article](#) about the value of bees for pollinating Maine's wild blueberry and fruit crops. Drummond has been leading a national \$3.3 million grant-funded consortium to study native bee populations and biological threats to them. Growers depend upon native and imported honeybees and bumble bees to pollinate crops. Contact: George Manlove, (207) 581-3756

Website Notes UMaine Role in Novel Wind Turbine Development

21 May 2012

The website RECHARGE mentioned UMaine in a report on a novel wind turbine development. The website noted plans by the designers of a novel, ultra-large offshore vertical axis wind blade system to engage UMaine in the proof-of-concept research stage of its development in 2016. Contact: George Manlove, (207) 581-3756

UMaine Scientists in Two MPBN Emmy Nomination Films

21 May 2012

Video interviews and perspectives from University of Maine marine scientists were included in two Boston/New England Emmy-nominated productions by Maine Public Broadcasting Network, according to a report in the [Portland Press Herald](#). The [science program "Sustainable Maine"](#) was nominated for the documentaries "Desperate Alewives" in the Outstanding Environmental Program category and "The Triple Bottom Line" in the Outstanding Societal Concerns category. The productions will air on MPBN in mid-June. More information is available on a [website](#) of UMaine's Sustainability Solutions Initiative, which is collaborating with MPBN and Maine EPSCoR on "Sustainable Maine." Contact: George Manlove, (207) 581-3756

UMaine Political Scientists' Comments in Ethics Article

21 May 2012

University of Maine political scientist Amy Fried and Kenneth Palmer, professor emeritus of political science, were interviewed for a [Mainebiz article](#) examining conflict of interest laws in Maine, a subject that has arisen over several state appointments in the LePage administration. Palmer observed that ethical issues resulting from high-ranking state officials' personal business activities is a fairly new phenomenon for Maine, particularly as Republican Gov. Paul LePage has tended to draw from the private sector for leadership positions, in contrast to previous Democratic administrations. Fried noted that politics seemed to play a role in how several high-profile cases have been viewed, assessed and concluded. Contact: George Manlove, (207) 581-3756

Minnesota Newspaper Features Maple Grading School

21 May 2012

Minnesota's St. Cloud Times carried a feature story about the Maple Grading School recently held at St. John's University in Collegeville, Minn. The Maple Grading School, an annual educational event on the production and grading of maple syrup, is coordinated by University of Maine Cooperative Extension educator Kathy Hopkins in the Skowhegan Extension office, the Vermont Agency of Agriculture, Food & Markets, and the University of New Hampshire Cooperative Extension. The Minnesota Maple Syrup Producers Association sponsored the event. Contact: George Manlove, (207) 581-3756

Newspaper Profiles UMaine Theater Grad

22 May 2012

Winthrop native and 2001 UMaine alumnus Tim Simons, who studied theater at the University of Maine, was

interviewed for a feature article in the Bangor Daily News about his role in the [Sunday night HBO series "Veep"](#) starring Julia Louis-Dreyfus. His character, Jonah Ryan, is described as a conniving, fast-talking White House liaison. According to the article, Simons performed with Maine Masque, an independent organization under UMaine student government that works with the School of Performing Arts to support theater activities at UMaine. Contact: George Manlove, (207) 581-3756

Art Professor in Press Herald Article

22 May 2012

The Portland Press Herald has a story about Michael Lewis, a UMaine art professor and the winner of this year's Vincent A. Hartgen Award, which recognizes outstanding contributions to the advancement of arts at the university. Despite health issues Lewis, who has been at UMaine since 1966, has a full load of classes lined up for the fall, and at this time, has no plans to retire, he told the Press Herald. Owen Smith of the UMaine art department faculty was also interviewed for the story and called Lewis the "center and essence" of the department. Contact: Jessica Bloch, (207) 581-3777

UMaine Student Wins Mitchell Peace Scholarship

22 May 2012

University of Maine sophomore Terri Bastarache of Gorham, Maine, is the recipient of the prestigious George J. Mitchell Peace Scholarship and will receive a full scholarship to spend the 2013 spring semester at University College Cork in Ireland. The scholarship honors the 1998 Northern Ireland peace accord brokered by former U.S. Sen. George Mitchell between Ireland and the United Kingdom. The scholarship is an agreement between Maine and Ireland for a university-level student exchange. Bastarache, who is pursuing a double major in business management and communication, and was a Mitchell Scholar in high school, is a member of the National Society of Collegiate Scholars and a tri-chair for Colleges Against Cancer and a Relay for Life volunteer. She is a Team Maine student ambassador, tour guide and telecounselor, and is active with softball and volleyball intramurals at UMaine. As an Alternative Spring Break participant, she plans to lead next year a winter trip to work with disabled and homeless veterans. Bastarache chose double majors in business management and communication because both will benefit her social and professional plans for the future, she says. Those plans include possibly managing a non-profit organization, such as the Dream Factory or the American Cancer Society, or even opening a coffee shop. "I love working with people, so I want to find a career where I can work with people every day," she says. Bastarache selected UMaine after applying to 11 schools and visiting most of them. UMaine, she says, was "the only college I visited where I felt at home and got that tingly feeling. The campus was so welcoming, everyone says 'hi' when you walk by, and students will wait just to hold open a door for you. For me, it just felt right and I always follow my gut instincts." Her semester in Ireland will be her first visit to the British Isles, although she has traveled outside the United States, when she lived a short while in Romania as a child. "This will be my first time to the U.K. and to Ireland and I can't wait," Bastarache says. Contact: George Manlove, (207) 581-3756

Extension Expert Update on Pest Insects, Blight Outlook

22 May 2012

Jim Dill, University of Maine Cooperative Extension professor of biological sciences and pest management specialist, is available to discuss the status of several seasonal insect pests, including mosquitoes, black flies and a new arrival in Maine, the spotted wing drosophila, a fruit fly that threatens soft fruit and vegetable crops. Also known as the Asian fruit fly, the spotted wing drosophila was captured for the first time in Maine last fall. The fly, about the size of the little fruit flies that buzz around bananas, arrived on the West Coast four years ago and in that short of time made it across the country. "It can be a very serious pest of small fruits, especially late season strawberries, raspberries and blueberries," Dill says. "Unlike its cousin, which likes those over-ripe bananas or other fruit, this new pest will attack ripening fruit in the fields. We are working on a trapping and mapping system to see where they are in Maine." Dill can also discuss early season mosquitoes, which are just beginning to show. These snow-pool or snowmelt mosquitoes, as they are

called, Dill says, are late this year due to lack of snow and early spring rains. In the last couple of weeks, however, rain has started filling in depressions and other areas where last season's mosquito eggs wait for water to cover them, which enables them to hatch. Black fly females are starting to show up and are biting; males show up earlier than the females. Dill also can recommend management methods for white grubs, which are destroying lawns in many parts of Maine, and late blight, which can devastate tomato and potato crops. Contact: Jim Dill, (207) 581-3879; George Manlove, (207) 581-3756

School of Nursing Hosting State Summit on Nurse Education

23 May 2012

The University of Maine School of Nursing is hosting Wednesday at Wells Conference Center a conference focusing on redefining and redesigning nursing education in view of changes in the practice over the last half century. As many as 40 directors and chairs, along with curriculum chairs and coordinators of the 13 Maine schools of nursing, are expected to attend. The summit, "Redefining and Redesigning Nursing Education: Developing Competency Based Nursing Education Curriculum," is sponsored by the Partners in Nursing Education and Practice (MPNEP). Paula Gubrud-Howe, co-director of the Oregon Consortium for Nursing Education and associate dean of the Oregon Health and Science University, will speak and lead sessions beginning at 9:10 a.m. Gubrud, considered a national leader in nurse education and competency criteria, says curriculum changes are necessary as the profession faces an increasing complexity of population needs. Contact: Ann Sossong, (207) 581-3427

What is Engineering Technology?

23 May 2012

[Click here to view the Engineering Technology video on YouTube.](#)

Camping and Hiking Food Safety

23 May 2012

[Click here to view the Camping and Hiking Food Safety video on YouTube.](#)

Ancient Rocks Provide Critical Clues About Modern Earthquakes

23 May 2012

At first glance, there's nothing remarkable about the rocky Maine blueberry field in which University of Maine graduate student Nancy Price does her research. But those rocks are crucial to our understanding about how faults work nearly 10 miles below the surface of the Earth. Indeed, that's where rocks are supposedly the strongest. Price's findings suggest that geophysical assumptions about the strength of faults at different depths may need to be reevaluated. And if we better understand faults, we may be able to better predict the behavior that causes large earthquakes. Price is studying the Norumbega fault system, a line of ancient faults that cuts across Maine from Calais to Casco Bay. The now extinct faults were seismically active millions of years ago. Today, the Norumbega system is considered an ancient analog for major earthquake faults, such as the San Andreas fault in California and the North Anatolian fault in Turkey, which have produced some of the deadliest quakes in our time. Like the San Andreas, the Norumbega is a strike-slip fault where only the shallowest parts are exposed or can be reached by drilling. To study deeper fault rocks, an ancient, extinct zone must be found where the depths have been exposed through exhumation and erosion. Price is studying a part of the Norumbega fault in Windsor, Maine, that more than 300 million years ago was situated about 10 miles below the surface, but is now exposed. In a strike-slip fault, two tectonic plates slide against each other. They do not slide smoothly and stress builds up as the plates snag on each other. Close to the surface, where the rocks are relatively cold, the plates are brittle and rocks break, easily releasing the stress. Temperature increases with depth in the Earth, and at a certain temperature the rock weakens and stretches like chewing gum. The strongest part of the crust lies at the depth where the rock starts to stretch, but can also still crack, a region called the frictional-viscous transition. This is the depth level Price is studying. "How this region behaves is the key to how the fault works," says Price, who earned a master's

degree at the University of Massachusetts Amherst. “If we understood it, we wouldn’t have to rely on how often an earthquake ruptures. We could model the fault based on what we understand of the physics of how the rock will behave and predict what will happen.” Working with geologist Scott Johnson, chair of UMaine’s Department of Earth Sciences, Price originally set out to model the fault using data collected from hundreds of rock samples that were once in the transition zone. These sheared fault rocks contain thin, gray veins called pseudotachylyte — evidence of ancient earthquakes. But when Price’s samples revealed more pseudotachylyte than expected, she turned her attention to identifying how much of the rock contained these veins and how this might change assumptions of fault strength at these depths. Price found the process of pseudotachylyte formation causes the size of the mineral grains in the rock to be smaller and the percentages of the minerals to change, causing the thin gray layer to be weaker than the rest of the rock. If enough pseudotachylyte from earthquakes is created over millions of years, the fault itself becomes weaker than is generally accepted. “This change in perspective will help drive discussion,” Price says.

UMaine Commits \$17,000 in Student Scholarships for MLTI Attendees

23 May 2012

The University of Maine has committed \$1,000 in scholarships for 17 students who win a drawing during the 9th Annual Maine Learning Technology Initiative (MLTI) Student Conference Thursday at UMaine. Ten scholarships are being offered by the Department of Electrical and Computer Engineering, five from the School of Computing and Information Science, and two from the College of Education and Human Development, for 17 students who commit to attending the University of Maine, apply and are accepted, and enroll after high school. More than 1,000 middle and high school students from throughout the state will gather at UMaine's Collins Center for the Arts and other locations on campus for the conference. The conference will feature more than 30 technology-driven, educational sessions led by professionals from as far away as California and as close as University of Maine faculty members. A highlight of the day will be a unique recording adventure involving all of the students creating and playing synchronized music on laptop keyboard programs. Contact: George Manlove, (207) 581-3756

Segal Interviewed for Irish Radio Talk Show

23 May 2012

A telephone interview with University of Maine history professor Howard Segal by Irish radio talk show host Sean Moncrieff of [newstalk 106-108 FM](#) was aired May 22. In Part 4 of the program, which is available on the [Internet](#), Segal discussed with Moncrieff the difficulty of creating utopian societies in spite of efforts from early Greece to today, which is the subject of Segal’s new book “Utopias, A Brief History from Ancient Writings to Virtual Communities.” Contact: George Manlove, (207) 581-3756

Health Article Cites UMaine Blueberry Research

23 May 2012

[The Triton](#) newspaper in Florida cited University of Maine blueberry research in an article about the many health benefits of wild blueberries. The article referred to UMaine research establishing that blueberries have antimicrobial properties that can counter foodborne pathogens like salmonella or E-coli. Contact: George Manlove, (207) 581-3756

Report on New Athletics Facility

23 May 2012

UMaine is building a new facility to support the Black Bears' baseball and softball teams, [according to a report](#) in the Bangor Daily News. The facility will be a batting pavilion, funds for which were raised from private donors. The batting facility will be available for use by youth baseball and softball teams in the area, UMaine Athletic Director Steve Abbott said in the story. Contact: George Manlove, (207) 581-3756

Marine Scientist Discusses Cod Colonization

23 May 2012

New evidence suggests that Atlantic cod may have the ability to affect entire food webs in both benthic and pelagic marine ecosystems, according to a University of Maine marine scientist, writing in the Proceedings of the National Academy of Sciences (PNAS). “Not only are (cod) strong interactors capable of limiting the abundance of their prey and their prey’s prey, but also the prey themselves may limit the recovery of this predator,” says Robert Steneck of the large carnivore that, prior to overfishing, was “widespread, abundant and possibly the most important predator throughout the coastal regions of the North Atlantic.” “In most countries where fisheries management exists, the focus is on the dynamics of single species,” says Steneck, “and often there is no consideration of how two or more managed species interact or how such interactions can affect the entire ecosystem.” In his PNAS commentary published May 14, Steneck points to an event in which an overabundance of Atlantic Cod in the Baltic Sea spilled over into the Gulf of Riga, as reported by a research team led by Michele Casini of the Swedish Board of Fisheries. The “predator pulse” — in-migration of juvenile and adult cod — into the gulf lasted a decade, causing a trophic cascade in the marine food web. Cod ate the herring, causing the herbivorous zooplankton population normally eaten by herring to increase. Because zooplankton consumed phytoplankton, water in the Gulf of Riga cleared, but only for the decade when cod spilled into the region. This example of successful, albeit serendipitous, cod colonization provides clues as to how cod repopulation occurs and why it isn’t as simple as closing large areas to fishing when Atlantic cod stocks collapse, Steneck contends. In the case of Canada and the United States, fishing managers expected a full recovery of cod stocks within a decade after the closures in the early 1990s; nearly two decades later, cod stocks remain historically low. It is possible that colonization of new or depleted areas occurs by influx of larger cod rather than cod larvae when adjacent populations reach high population densities, which has not happened in New England for at least decades, says Steneck. Contact: Margaret Nagle, (207) 581-3745

Sculpture Symposium Announces Sculptor-Site Matches

23 May 2012

The Schoodic International Sculpture Symposium (SISS) has named the sculptors for each of the eight sponsor sites that will receive artwork made during this summer’s symposium, which is being held in partnership with the University of Maine. Each sponsor committee reviewed the portfolios of the eight artists and then selected its top three choices of sculptors that the sponsor felt best matched the site and the spirit of the community. SISS art director Jesse Salisbury made the final match selections. “This time, as in past symposia, we were able to match each artist with a community that selected that artist as one of their top choices,” Salisbury says. “The final matches are always exciting. There are an amazing variety of artistic styles represented each time, but also the sites for the finished work are very unique and the committees involved all have their own character. Somehow, this merges in the matching process and we are able to match our artists with sites that suit their work and committees that respond to their unique style.” The sculptor-sponsor matches are as follows:

- Acadia Hospital – Andreas Von Huene (Woolwich, Maine)
- City of Bangor – Koichi Ogino (Japan)
- Husson University – Hwang Seung-Woo (Republic of Korea)
- City of Old Town – Ton Kalle (Netherlands)
- Town of Orono – Shan-Chi Teng (Taiwan)
- UMaine campus (Oxford Hall) – Lee Zih-Cing (Taiwan)
- UMaine campus (Nutting Hall) - Tim Shay (Old Town, Maine)
- University of Maine Foundation – Johnny Turner (New Zealand)

This year’s symposium will be held July 22-Aug. 30 and is a partnership between SISS and UMaine. The sculptors will work during their six weeks at UMaine from 9 a.m. to 5 p.m. most days of the week in the steam plant parking lot off College Avenue in Orono. The site is free and open to members of the public who want to watch the sculptors at work. Each sponsor community is doing its own fundraising for SISS. For more information, please contact the following community representatives:

- Acadia Hospital: Lynda Rohman, lrohman@emh.org
- City of Bangor: Judy Boothby, charlesboothby35@msn.com
- Husson University: Julie Green, greenj@husson.edu
- City of Old Town: James Dufour, jdufour@macchasedufour.com
- Town of Orono: Lianne Harris, lharris@nehs.net
- University of Maine: Janet Waldron, angela.mccormack@umit.maine.edu
- University of Maine Foundation: Judith Round, round@maine.edu

Contact: Tilan Langley, (207) 267-6057 or tilan@schoodicsculpture.org; Jessica Bloch (207) 581-3777 or jessica.bloch@umit.maine.edu

Study Finds Humble People are the Most Helpful to Others

23 May 2012

In a three-part research project involving 310 students at Baylor University, UMaine psychology lecturer Jordan LaBouff and colleagues found that people determined to be humble were more willing to donate time and resources to a hypothetical student in need. The results held true even when researchers controlled the study for potential influencers, such as empathy, agreeableness and other personality traits. LaBouff says the finding is particularly surprising since nearly 30 years of research on helping have demonstrated that the situation — not the person — tends to predict whether someone in need will receive assistance. The research builds on a growing body of evidence that humility is an important trait that results in a variety of pro-social and positive outcomes, says LaBouff, the lead author of an article on the study, published in *The Journal of Positive Psychology*.

Silver, Colleagues to Record Music of Bernhard Sekles

24 May 2012

University of Maine music professor and pianist Phillip Silver will be joined May 29-31 by fellow music faculty member and cellist Noreen Silver and acclaimed violinist and music professor Solomia Soroka of Goshen College in Indiana for a CD recording of music from the German-Jewish composer Bernhard Sekles. Sekles was an influential pedagogue who founded and directed the Hoch Conservatorium in Frankfurt in 1928, which offered the first academic course in jazz studies. Sekles was fired in 1933 and his music banned. The recording will be released on the Toccata Classics label in London. Phillip Silver, an expert in composers of the Holocaust era, has been contracted to record in 2013 another Toccata Classics label CD, the solo piano works of Sekles. Contact: George Manlove, (207) 581-3756

Extension Educators Attend Blaine House Gardening Event

24 May 2012

Ellen Libby, University of Maine Cooperative Extension educator in Knox and Lincoln counties overseeing 4-H Youth Development and Healthy Lifestyles programs, and UMaine Extension educator Caragh Fitzgerald this week participated at the invitation of the Maine Commissioner of Agriculture in an event at the Blaine House governor's mansion. The event highlighted school gardens and Libby's role as the UMaine Extension contact for [FoodCorps](#) and as a board member of [Maine School Garden Network](#). Fitzgerald leads several master gardener volunteers who work on gardens at the Blaine House. Contact: George Manlove, (207) 581-3756

Students to Present Results of Mercury Research

24 May 2012

More than 200 students and science teachers from Bangor, John Bapst, Old Town, Mount View and Sumner Memorial high schools who have been conducting research on mercury in local watersheds will present and explain their findings at a poster session at John Bapst High School in Bangor at 9 a.m. on Friday, May 25. The research project, "Acadia

Learning,” is a program of the Schoodic Education and Research Center (SERC) Institute at Acadia National Park, which works with the Mitchell Center and Maine Sea Grant at the University of Maine to train and support teachers for research designed to engage high school students in sample collection and data analysis for mercury. UMaine’s Sawyer Environmental Chemistry Research Laboratory did the analyses. Students use the data to investigate their own research questions about how mercury accumulates in food chains in local streams. The data have become part of a regional database coordinated by UMaine scientist Sarah Nelson, adding to a regional picture of mercury in fresh waters across the Northeast. The National Oceanic and Atmospheric Administration, the Maine Department of Education, private donors and the Davis Foundation fund Acadia Learning. Contact: Sarah Nelson, (207) 581-3454 / sarah.nelson@umit.maine.edu

Gabe Creative Class Research Cited in Huffington Post

24 May 2012

A column in the United Kingdom’s [Huffington Post](#) about disparity in earnings among various occupations cited research by University of Maine economist Todd Gabe, whose research has shown that people in many creative jobs, like physicists, writers, artists and actors, are paid less than people in STEM (science, technology, engineering, mathematics) fields. Gabe’s observation that UMaine engineering graduates can earn \$25,000 more a year than liberal arts graduates speaks to the phenomenon, the column notes. Contact: George Manlove, (207) 581-3756

Science Website Posts Reference to UMaine Commentary on Cod

25 May 2012

The [science news Phys.Org](#) website has posted a University of Maine article about UMaine marine scientist Robert Steneck's perspective on cod stocks, the [subject of an commentary](#) in the Proceedings of the National Academy of Sciences. Steneck discussed why fisheries management should include the interaction among multiple species, particularly predators and prey, as indicators of cod colonization and reproduction success or failure. Contact: George Manlove, (207) 581-3756

Monhegan Test Turbine Launch Postponed

25 May 2012

The coastal newspaper [The Free Press](#) published an article about the postponement of the launch of a test wind-energy turbine off Monhegan Island from this summer to 2013 because of pending permits for the project. Habib Dagher, director of the UMaine Advanced Structures & Composites Center, told the paper that all of the permits are expected to be approved within a few months, but the launch date will have to be postponed. Contact: George Manlove, (207) 581-3756

Blog Cites UMaine Lamprey Eel Research

25 May 2012

University of Maine researchers’ work studying lamprey eel spawning was cited in a [Bangor Daily News blog](#) about Atlantic salmon by outdoors writer John Holyoke. Holyoke wrote that UMaine researchers informed him that lamprey spawning in tributaries of the Penobscot River could benefit spawning salmon, since lampreys clear silt during their nesting process, which could create streambed spawning areas suitable for salmon.

Contact: George Manlove, (207) 581-3756

Media Covers Student Laptop Conference

25 May 2012

The Bangor Daily News carried an [Associated Press report](#) and an online video about the annual Maine Learning Technology Initiative conference held Thursday at, and co-organized by, the University of Maine. More than 1,000 Maine middle and high school students participated in multiple breakout groups on computer game creation and software applications, and collaborated with live musicians at the Collins Center for the Arts to perform a synchronous concert. The [Channel 7 \(WVII\)](#) 6 p.m. news program also carried a report. Contact: George Manlove, (207) 581-3756

Fried Is Guest on MPBN Political Civility Discussion

25 May 2012

University of Maine political scientist Amy Fried was a guest Thursday on the [Maine Public Broadcasting Network call-in program Maine Calling](#) on civility and politics, with former U.S. Sen. George Mitchell and Jeffrey Selinger, a Bowdoin College government professor. Fried observed that the unprecedented incivility in national politics is reflected in Maine politics, but to a lesser extent, given the smaller political arena and longstanding working relationships among many politicians.

Contact: George Manlove, (207) 581-3756

Horticulturist Stack in Toxic Giant Hogweed TV Report

25 May 2012

University of Maine Cooperative Extension professor and ornamental horticulturist Lois Berg Stack was interviewed for a May 23 [Channel 7 \(WVII\)](#) news report how to handle giant hogweed, a large, attractive plant with a chemical in its sap that burns the skin when exposed to sunlight. State horticulturists suggest eradicating the weed, but only after taking protective measures. Contact: George Manlove, (207) 581-3756

News Report Features Extension's Senior Companions

25 May 2012

The [Channel 7 \(WVII\) May 23 evening news](#) report featured the University of Maine Cooperative Extension Senior Companion Program, which matches older volunteers with elders, many of whom are living at home alone, to provide companionship, conversation and camaraderie. Contact: George Manlove, (207) 581-3756

Dill Comments in Buggleblue Feature

29 May 2012

University of Maine Cooperative Extension pest management specialist and professor of biology Jim Dill was interviewed for a Bangor Daily News feature article about a local family's home-made insect repellent, [Buggleblue](#). Dill said he expects mosquito and black fly populations to be, or to seem, about normal this year. He also discussed some of the ways people can protect themselves from biting insects. Contact: George Manlove, (207) 581-3756

Newspaper Interviews Speaker for Upcoming UMaine Lecture

29 May 2012

The Bangor Daily News [interviewed Lilly Ledbetter](#), a national pioneer for equal pay, in advance of Ledbetter's talk Saturday, June 2 in Orono. Ledbetter is the keynote speaker for this year's Maine NEW Leadership, an initiative for Maine women in college who are interested in become involved in politics. Mary Cathcart, co-director of the conference and a senior policy fellow at the Margaret Chase Smith Policy Center, which helps sponsor the program along with the University of Maine Cooperative Extension, was also interviewed for the article. Contact: George Manlove, (207) 581-

McConnon Interviewed for Tourist Season Report

29 May 2012

Comments from University of Maine Cooperative Extension specialist and professor of economics Jim McConnon about the coming tourist season were included in a Maine Public Broadcasting [Network report](#). McConnon and others involved with the tourism industry agreed the improving economy likely will mean a strong tourism season. Contact: George Manlove, (207) 581-3756

Column Lauds UMaine's Magnolia 'Butterflies'

29 May 2012

A column in the Bangor Daily News about the beauty and fragrance of [Magnolia "Butterflies"](#) garden ornamentals cites the author's impressions of the magnolias in the University of Maine's Lyle E. Littlefield Ornamentals Trial Garden as a source of inspiration. The cultivar is slow growing, but worth the wait, the writer noted. Contact: George Manlove, (207) 581-3756

Channel 5 Features UMMA Art Factory

29 May 2012

Channel 5 (WABI) interviewed students and staff at the University of Maine Museum of Art in Bangor about its recent [Art Factory program](#) in which area children were introduced to various art forms, from painting to origami, by local artists. Museum education coordinator Eva Wagner said the museum wants to promote artwork as a creative activity that can continue from childhood through adulthood. Contact: George Manlove, (207) 581-3756

Economist in Article on Bond Rating

29 May 2012

UMaine Cooperative Extension specialist and School of Economics Professor Jim McConnon was interviewed for a Portland Press Herald article about [bond ratings for the state of Maine](#). McConnon said Maine must consider the guidance and rationale provided by the rating agencies because that could signal what happens in the future, but the rating itself is what matters most to investors. Contact: Jessica Bloch, (207) 581-3777

Lobster Institute Director Comments on Early Season

29 May 2012

A Maine Public Radio Report that aired on NPR stations including Vermont Public Radio included [comments from Bob Bayer](#), the executive director of UMaine's Lobster Institute. Bayer discussed the early start to the soft-shelled lobster season, which Bayer said could be caused by relatively warm water temperatures and the increased availability of food. Contact: Jessica Bloch, (207) 581-3777

Garbage Study Shows 60 Percent of Trash Could Be Diverted

30 May 2012

A recently updated 2011 study by the University of Maine School of Economics that sorted and assessed the contents of trash in a representative sample of 17 Maine communities concludes that as much as 60 percent of what's thrown away could be diverted from the waste stream through composting and recycling. Since municipalities pay for trash disposal, usually by the ton, researchers say big savings could result from reducing volume of trash, along with the cost of

hauling it and paying tipping fees for disposal, in addition to improving the environment. The 2011 study involved sorting more than 30 subcategories of trash at transfer stations around the state. The subcategories were divided into three component groups: unsalvageable waste, compostable and organic materials, and recyclables. "It was approximately 40-40-20 with waste, compostable and recyclable, respectively," says Travis Blackmer, an economics graduate student from Dedham, Maine. The research, commissioned by the Maine State Planning Office as a way to educate communities about the value of reducing waste by quantifying what's being thrown away that needn't be, "definitely accomplished what we wanted," he says. Statewide, Maine has consistently missed a desired goal of reusing, reducing or composting 50 percent of its waste stream. Some communities are more aggressive than others about reducing trash, but when presented with the potential cost savings, enthusiasm tends to grow, according to Blackmer and George Criner, director of the School of Economics who has researched trash in Maine for several decades. Most transfer stations have facilities for collecting glass, metal, paper and more, but much more even could be diverted. "Wouldn't we all agree that newspapers should be out of the garbage?" Criner says. "Yet many communities have noticeable amounts remaining in their curbside waste stream." Various types of recyclable or compostable paper made up about a quarter of all waste, according to the final report on the project, "2011 Maine Residential Waste Characterization Study." Textiles, including clothing, are recyclable and comprised almost 5 percent of the waste stream that was analyzed, Blackmer adds. The 2011 study has been augmented by data from several additional sources, which include the city of Brewer's experience when it switched from traditional curbside trash collection to a single-sort recycling program in 2010 and then a "pay-as-you-throw" system. "The pay-as-you-throw garbage system, coupled with the single-stream recycling option, is like a one-two waste-management punch," Criner says. "Households respond to incentives, so when you hit them in the wallet, they want to throw out less, and since the single stream system is convenient, household participation is high. When Brewer put in its pay-as-you-throw and single-sort recycling, their waste essentially dropped to half, which is pretty typical." A single-sort system accepts multiple categories of recyclable trash in one container, which is later separated at a sorting facility. Criner also says that recycling waste requires more labor than landfilling or incineration, and it creates jobs. Further recycling keeps materials from incineration or landfilling, and both have long-term environmental impacts. The economics of recycling is complex, depending on many varying factors, Criner says, but communities can save money if it is done wisely. Contact: George Criner, (207) 581-3151; George Manlove, (207) 581-3756

Research Quantifies Underwater Treadmill Energy Expenditure

06 Jun 2012

Treadmills have a proven track record for assisting injured athlete rehabilitation, and water running or walking has long provided low-impact rehabilitation for people with injuries to lower extremities. University of Maine graduate and undergraduate students in exercise science have established in recent research that an underwater treadmill also can provide effective low-impact rehabilitation and cardiovascular conditioning. Using 12 male Division 1 athletes from the UMaine hockey team, graduate students Philip Watson and Travis Bouchard and undergraduate Cassandra Mendonca, who received degrees in May 2012, along with Professor Robert Lehnhard, performed a series of metabolic tests on the athletes, comparing their performance for the first time on a traditional treadmill to the underwater treadmill. They collected data about the oxygen consumption, lactic acid buildup, heart rate and calories consumed during exercise with each exercise method. "What was interesting was that, even for the manufacturer, there was no metabolic data quantifying how much exertion is involved with this piece of equipment," Lehnhard says. "For example, nobody had ever determined the difference in metabolic impact from 2 miles per hour to 3 miles per hour." Among the concerns when rehabilitating an athlete with a joint injury has always been getting the athlete back to full strength without losing cardiovascular conditioning in the process, Lehnhard says. Lower limb injuries are a particular challenge. "This piece of equipment fits nicely when impact is a concern," Lehnhard says. "I think it fits well with rehab, but I don't think it's a tool you would use for (intense) conditioning." Lehnhard believes the underwater treadmill, in a pool with adjustable water jets and current, could also benefit non-athletes, since many people, particularly those just beginning an exercise program, are not conditioned for repeated impact on their joints. A paper, "The metabolic response to treadmill graded exercise: traditional vs. underwater," coauthored by Watson, Mendonca, Lehnhard and collaborating professors of education Shihfen Tu and Steve Butterfield, and Kenneth McKeever of the Rutgers Equine Science Center, has recently been published by the journal *Comparative Exercise Physiology*. Contact: Robert Lehnhard, (207) 581-2480; George Manlove, (207) 581-3756

Nursing Student Heading to NCAA Championships

30 May 2012

UMaine nursing major Corey Conner's favorite academic experiences have come at the local level, where she is able to pursue her studies hands-on working alongside her professors in one of the area hospitals. Outside of academics, however, Conner is making an impact at an international level. A senior on the UMaine cross country and track and field teams, Conner is a premier long-distance runner who has qualified for the 2012 NCAA Championships, which will be held June 6-9, in the 5,000 meter run. For a few days last year her she had the fastest time in the world in that event and has been ranked in the top 15 in the country this year. She also holds the UMaine and America East conference records in the 5,000. Although her world-best time was surpassed earlier this month, Conner is among the top NCAA Division I women in the 5,000 meters and holds the UMaine record in that event. She also placed 42nd in the 2010 NCAA Cross Country Championships. Conner has also reached regional and national levels when it comes to academic awards. She has been named to all-academic teams by the U.S. Track & Field and Cross Country Coaches Association, ESPN The Magazine/College Sports Information Directors of America, and the America East conference. She has also won the "M" Club's Dean Smith Award, the highest academic honor given out by UMaine to a student-athlete. **Name:** Corey Conner **Hometown:** Townsend, Mass. **Major:** Nursing **Why UMaine?** I came to UMaine while I was in high school to visit my older sister Allie, who is also a student here. I really enjoyed my visits and I thought the UMaine community was pretty unique. I am very close with my sister and ultimately decided on attending UMaine for both the school's offerings and the ability to be close to my sister. **How would you describe the academic atmosphere at UMaine?** I think UMaine has a great academic atmosphere. It's warm and inviting in that you are able to really speak freely and not feel scrutinized. I think UMaine offers a wide variety of different areas to study and learn from, which is important for the students so they can delve into whatever interests them. **Have you worked closely with a mentor, professor or role model who has made your UMaine experience better, and if so, who and how?** Although I am not able to individually choose one individually, I can definitely say that almost all my professors have influenced me in one way or another. Each one is so different and they bring different things to the table, but I think I have learned some important concepts from each one. **Have you had an experience at UMaine — either academically or socially — that has changed or shaped the way you see the world?** I would say that just being a part of the UMaine academic and social community has changed me somewhat. I do strongly feel like I am a different person then I was before I stepped onto the campus freshman year. Whether indirectly or directly, I think being a part of this university has help to change some of my views of both myself and the world around me. **What role has athletics played in your time at UMaine so far?** I think being a part of athletics here has helped me to remain focused on my ultimate goals in life. Being a part of a team is amazing and having friends who are also teammates is a blessing. I am lucky to be on a team that supports me in all aspects of my life. Athletics require discipline, both mental and physical, and require that you dedicate yourself and remain focused. For me, athletics has been a great outlet for the stress of school and life in general. I have made great friends, met some great people, and grown as a person just from being a part of an athletic team here at UMaine. **Describe UMaine in one word.** Open **Explain:** I think UMaine community that allows individuals to express themselves and their ideas in a respectful and open way. **What is your most memorable UMaine moment?** I don't really have one moment that stands out amongst the others in my mind, but I always tend to think back on the first day/night living on campus my freshman year, and how different I felt back then compared to now. **What do you hope to do after graduation and how has UMaine helped you reach those goals?** I hope to become a registered nurse and I am currently in the UMaine nursing program working towards that goal. UMaine and the School of Nursing have helped introduce and prepare me for a future in the nursing profession. **What is the most interesting, engaging or helpful class you've taken at UMaine? How have those classes translated to the real world?** The clinical courses in the nursing program are very engaging in that we are able to be involved in the healthcare system directly. We get to experience what it is like to be a registered nurse in a variety of settings, and we get to practice the nursing skills we learn in the classroom. It is great to be able to work in hospitals alongside our professors, instructors and real-life professionals, knowing one day we'll be doing the same kind of work as they are now. **What difference has UMaine made in your life?** I think UMaine has opened my eyes quite a bit. It's exposed me to new people, new ideas, and a different lifestyle.

UMaine Research Studies the Effects of Arsenic on the Cell

30 May 2012

Science has long known that arsenic is toxic to humans. Exposure to high doses over a brief period can lead rapidly to organ failure and death. At lower doses over a longer time, arsenic exposure is associated with cancer, diabetes, impaired neurological development, behavioral changes and more. But the mechanism of arsenic's toxicity is poorly understood. To complicate matters, it appears that some of the same qualities that make it so deadly may actually have a therapeutic effect in specific circumstances. And, importantly, since arsenic is all around us, most people have some exposure. At the University of Maine's Department of Molecular and Biomedical Sciences, professors Carol Kim and Julie Gosse are learning more about arsenic and the ways it functions in the body. By advancing scientific understanding of its mechanisms, they hope to promote science-based environmental regulations and medical interventions that can mitigate arsenic's toxic effects. Like its elemental cousins lead and mercury, arsenic (As) is found in naturally occurring deposits from which it leaches into water and soils. It also can be released more rapidly into the environment through natural processes, such as volcanic activity and erosion, and through human activity such as mining and agriculture. Arsenic is found in manufactured products as well, including wood preservatives, paints, dyes, metals, soaps and medicines, and workers in these industries may be exposed. Arsenic-containing waste is present in many landfills and dumps. In some cultures, arsenic in high doses has been used as an effective therapy for acute asthma attacks, although its mechanism has been poorly understood and its therapeutic value is offset by its long-term risks. In Maine, arsenic is present in many public and private water supplies, most often at levels below the 10 parts per billion (ppb) cap designated as "safe" by the U.S. Environmental Protection Agency, following a 2001 rule change that took effect in 2006. Prior to this change, the EPA's allowable standard was 50 ppb. Public water supplies are closely monitored for arsenic and that information is available to the public through individual water utilities and the governmental agencies that oversee them. But private wells are unregulated and may contain much higher levels. Concerns remain that exposure to arsenic over time — even at very low levels, perhaps below the current 10 ppb limit — poses a significant and pernicious risk to human health. Arsenic contamination from both naturally occurring deposits and human-produced pollution is a problem across the country, but particularly in Maine and New Hampshire, says Carol Kim, director of UMaine's Graduate School of Biomedical Sciences, who has been conducting research since 1998 on innate immunity and infectious diseases, using zebrafish as a model organism. Kim's most recent project studies the effects of low levels of arsenic — like those found in drinking water — on a healthy innate immune response and one compromised by the gene mutation that causes cystic fibrosis. Her study is funded by a \$1.8 million grant from the National Institutes of Health, part of an \$11 million NIH grant to Dartmouth Medical School. The principal investigator is Jason Moore, a computational geneticist at Dartmouth Medical School. The project draws on the strength of two major milestones in Kim's lab: the development of a zebrafish model for studying cystic fibrosis, funded in 2005 with an NIH grant of more than \$405,000; and a 2007 discovery showing that arsenic exposure at levels deemed safe in human drinking water suppressed the overall innate immune health of zebrafish, causing increased susceptibility to viral and bacterial infections. "We're trying to understand how arsenic exacerbates cystic fibrosis and the extent to which this effect is brought about by exposure to arsenic as an environmental toxicant," Kim says. Cystic fibrosis is the most common fatal genetic disease in the United States, according to NIH's National Human Genome Research Institute. An estimated 30,000 people in the U.S. have the disease, which is caused by mutations in the Cystic Fibrosis Transmembrane Regulator (CFTR). Approximately 10 million Americans carry the defective CFTR gene. In normal cells, the CFTR protein serves as a channel, allowing cells to release chloride and water into the lungs. However, in people with cystic fibrosis, the protein is defective and the cells do not release the chloride, resulting in an improper salt balance and less water on the lung surfaces, producing abnormally thick mucus. The gene mutations cause increased susceptibility to *Pseudomonas aeruginosa*, a common bacterium in water and soil. *P. aeruginosa* is the cause of chronic infection and irreparable lung tissue scarring in 80 percent of cystic fibrosis patients in their late teens, Kim says. Yet the bacterium is not a common lung pathogen in people with healthy immune systems.

"We're trying to understand how arsenic exacerbates cystic fibrosis and the extent to which this effect is brought about by exposure to arsenic as an environmental toxicant." Carol Kim

Kim's research has shown that the zebrafish's ability to resist bacterial and viral infection is compromised by exposure to arsenic. She hopes to identify genes and pathways involved in modulating innate immunity in response to arsenic exposure, as well as CFTR modulation. Her data will be shared with a Dartmouth-based biostatistician and a bioinformatics specialist to help identify sets of human genes and signaling pathways that contribute to the innate immune response, respond to arsenic and are influenced by CFTR. With the NIH grant, Dartmouth Medical School will establish an NIH Center of Biomedical Research Excellence to advance biomedical research and foster collaboration among scientists from UMaine, Harvard, Jackson Laboratory, Mount Desert Island Biological Laboratory, Maine

Medical Center, University of New Hampshire, University of Southern Maine and University of Vermont. “There is real potential to find genes associated with CF and to identify potential drug targets that could reduce or eliminate many of the debilitating effects of the disease,” Kim says. There have been a lot of recent studies about arsenic, says Julie Gosse, “but we need to fill in some of the gaps.” Gosse specializes in the study of biochemical, molecular and cellular toxicology with the long-term goal of protecting humans from environmental health risks. At UMaine, she and her students are examining arsenic’s molecular activity and its impact on the immune system. Gosse is looking at mast cells, a type of immune cell found in most bodily tissues that plays a key role in triggering allergies, asthma and inflammation. Mast cells also protect the body from certain types of parasites. By treating rat mast cells with arsenic, Gosse has determined that exposure inhibits the mast cell process known as degranulation, in which the cells release histamine and other chemicals into blood and tissue. The result of normal degranulation is localized swelling, warmth, redness, itching and pain. In humans, degranulation can cause allergic reactions, such as asthma and eczema. But degranulation also triggers a healthy immune response that helps fight off parasites and other human pathogens. Since arsenic is a known endocrine disrupter, Gosse says, it may inhibit normal degranulation by blocking estrogen signaling involved in histamine release. Or, as recent data suggest, the process may be taking place at an early step in the signaling pathway, such as by inhibition of tyrosine phosphorylation, an important signaling process in mast cells. “We don’t fully understand the molecular mechanism yet,” Gosse says. She and her students continue to work with rat mast cells and now with human mast cells. In the future, Gosse plans to extend her arsenic research into zebrafish. It is much too early to apply her findings to human health models, but Gosse says her research may help shed some light on the success of traditional Chinese healers in treating acute asthma attacks with high doses of arsenic. Although the inhibition of degranulation effectively calms swollen and inflamed respiratory tissues, the long-term results of this treatment often include serious chronic illnesses, such as cancer and neurological disorders. And in populations where persistent intestinal parasites cause serious diarrheal diseases and anemia in children, such as in Bangladesh, consistently elevated levels of arsenic in drinking water supplies may be suppressing healthy immune response and promoting generalized muscle wasting and related disorders. Gosse came to UMaine in 2008 after completing her post-doctoral work at Dartmouth Medical School. Her work here, funded by the PhRMA Foundation, the Maine Agricultural and Forest Experiment Station, and UMaine start-up funds, builds on recent studies at Dartmouth that first identified arsenic as an endocrine disrupter. “Someday, this could point to a drug target,” Gosse says of her research. She envisions a safe medical alternative that would mimic arsenic’s valuable suppressive effects for disorders such as asthma or autoimmune disorders, without undermining overall immune response — and without arsenic’s potentially lethal risks.

The Buzz on Bees

30 May 2012

[Click here to view the Buzz on Bees video on YouTube](#)

Gigabit Access

30 May 2012

[Click here to view the Gigabit Access video on YouTube](#)

Maine NEW Leadership 2012 Program Opens June 1

30 May 2012

The Maine NEW Leadership program, a University of Maine initiative that aims to educate and empower women to become civic and political leaders, will be held June 1-6 on the UMaine campus and also in locations in Augusta and Skowhegan. Twenty-nine undergraduate college women will participate in the intensive residential training program targeting the next generation of leaders. The nonpartisan program is offered through UMaine’s Margaret Chase Smith Policy Center and is provided at no cost to participants. This year’s Maine NEW Leadership participants will hear from a variety of men and women in academic, municipal, legislative, nonprofit and other public and private leadership roles. The group will also travel on Tuesday, May 5, to the State House in Augusta for several events including a meeting with

former Maine first lady Mary Herman, and will spend that afternoon at the Margaret Chase Smith Library in Skowhegan. The 29 Maine NEW Leadership participants selected this year include students from 18 institutions of higher learning, including all seven University of Maine System campuses, the Maine Community College System and private institutions. The program is open to female students enrolled in Maine colleges or universities, or Maine residents who are enrolled in a college or university outside of Maine. Lilly Ledbetter, a former Goodyear employee who sued the company after discovering she was being paid less for the same work as her male peers, will be the keynote speaker at the Maine NEW Leadership networking reception and dinner, which will be held at 7:30 p.m. on Saturday, June 2 at the Penobscot Valley Country Club in Orono. The talk is not open to the public. Ledbetter was employed at Goodyear for 19 years before finding out from an anonymous source that her pay was less than that of her male peers. She filed a lawsuit against Goodyear but eventually lost her case in the U.S. Supreme Court. The court ruled she took too long to file her complaint even though she had not known about it earlier. However, in 2009 President Obama signed the Lilly Ledbetter Fair Pay Act, which states that the 180-day statute of limitations for filing equal-pay lawsuits resets with each new discriminatory paycheck. Contact: Mary Cathcart, (207) 581-1539, (207) 944-1411 or mary.cathcart@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

News Media Reports UMaine Alum Killed in Afghanistan

30 May 2012

[The Portland Press Herald](#) interviewed University of Maine political science professor James Warhola and former UMaine Army ROTC enrollment officer Darryl Lyon about 2008 University of Maine graduate and Army Capt. John "Jay" Brainard III of Newport, who died in Afghanistan on Monday when the helicopter he was piloting crashed. Several other news organizations reported on Brainard's death. Reports were in the [Bangor Daily News](#), [Morning Sentinel](#), [Channel 5 \(WABI\)](#), [Channel 2 \(WLBZ\)](#) and [Channel 7 \(WVII\)](#). Maine's Congressional representatives and Gov. Paul LePage expressed condolences to Brainard's family and friends. Contact: George Manlove, (207) 581-3756

Agritourism, Insurance Article Cites UMaine Study

30 May 2012

An [article in Mainebiz](#) about liability insurance for many of Maine's small farms that are diversifying from traditional approaches to farming cited a University of Maine-based survey conducted by the Center for Tourism and Outreach in 2006. The research revealed that of 400 farmers surveyed, farms participating in agritourism said those activities accounted for 50 percent or more of their income for farms with less than \$1 million in income. For farms with less than \$50,000 annual income, the percentage was 62 percent or more. The Legislature recently passed a bill to protect farmers from some liabilities when they open their doors to the public. Contact: George Manlove, (207) 581-3756

Farley Listed in '50 Jamaican Trailblazers'

30 May 2012

Jonathan Farley, associate professor of computing and information science and associate professor of mathematics and statistics at the University of Maine, has been profiled in a new book, [In Praise of Jamaica: Natural Wonders, Heroes and Achievements](#) by George Meikle. On a website associated with the book, Farley is listed with "[50 Jamaican Trailblazers](#)", which includes Harry Belafonte and Colin Powell. Contact: George Manlove, (207) 581-3756

BDN Reports Juniper Ridge Pipeline Permit Delay

30 May 2012

[The Bangor Daily News reported](#) that the state's Legislature's Government Oversight Committee is postponing until late June a decision whether to review and audit Casella Waste Systems Inc.'s operations in Maine, a decision that also will postpone consideration of a request before the Maine Public Utilities Commission to authorize a landfill methane gas pipeline from Juniper Ridge to the University of Maine campus, where it would be used to offset oil and energy costs. Contact: George Manlove, (207) 581-3756

Political Scientist Interviewed About Senate Race

30 May 2012

Comments from UMaine political science professor emeritus Kenneth Palmer were included in a [Kennebec Journal article](#) about former Gov. Angus King's participation in the U.S. Senate race in Maine. Palmer said considering the amount of money that will likely be spent on the election, particularly by the GOP, King will not have an easy time winning the race. Contact: Jessica Bloch, (207) 581-3777

Harvest for Hunger Program Featured in Press Herald

30 May 2012

In a story about employee-managed corporate gardens, the Portland Press Herald featured University of Maine Cooperative Extension's Harvest for Hunger program and UMaine Extension educator Barbara Murphy, who helps run the program. Murphy said hunger in Maine is usually represented by poor nutrition resulting from people not having the money to buy fresh fruits and vegetables, which is the niche Harvest for Hunger is trying to fill. The story also included a UMaine-produced video about the IDEXX Laboratories' gardens. Contact: Jessica Bloch, (207) 581-3777

Bonds Editorial Cites UMaine R&D Benefits

31 May 2012

An editorial in the Bangor Daily News [endorsing proposed bond issues](#) being considered by the Legislature cited the benefits and job creation resulting from research at the University of Maine's Advanced Structures & Composites Center as being worth the investment. A research and development bond proposal in particular, the paper said, will improve Maine's long-term competitiveness and help improve the state's status as 45th in the nation for its science and technology workforce. Contact: George Manlove, (207) 581-3756

Climate Change Models in Tick Prognosis Report

31 May 2012

An article in the Bangor Daily News about [Lyme disease on the rise](#) in Maine cited research using University of Maine Climate Change Institute models that indicates warming temperatures by 2050 could mean an end to the seasonal cold-weather killing of ticks in northern Maine, which would mean increasing tick populations statewide. Contact: George Manlove, (207) 581-3756

News Reports Continue on UMaine Alum's Death in Afghanistan

31 May 2012

News organizations throughout Maine continued their coverage of the death May 28 of 2008 University of Maine graduate and Army Capt. John "Jay" Brainard III of Newport, who died in Afghanistan when the helicopter he was piloting crashed. University of Maine political science professor James Warhola was interviewed by [Channel 7 \(WVII\)](#) and former UMaine Army ROTC enrollment officer Darryl Lyon spoke to several reporters, including those from [Channel 5 \(WABI\)](#) and [Channel 2 \(WLBZ\)](#). Lyon says Brainard set the standard for everything the Army looks for in leadership and character. Contact: George Manlove, (207) 581-3756

Press Herald Features 4-H 'Sensory Science' Workshop

31 May 2012

A column in the Portland Press Herald describes a "sensory science" experience her children had at a recent University

of Maine Cooperative Extension 4-H workshop led by Extension food science specialist and professor Beth Calder. Calder introduced a group of youngsters to sensory and taste testing of different types of Oreo cookies, and encouraged the group to evaluate characteristics such as flavor, texture and color. Contact: George Manlove, (207) 581-3756

Brewer Perspective in Candidate Profile

31 May 2012

University of Maine political scientist Mark Brewer was interviewed by the [Portland Press Herald](#) for the MaineToday Media group report about the U.S. Senate candidacy of former Secretary of State Matt Dunlap of Old Town. Brewer said Dunlap's personal history and performance as a member of the Maine House of Representatives brings genuine legitimacy to his claim to understand the Maine economy and challenges facing Maine residents. Contact: George Manlove, (207) 581-3756

UMaine Standouts on Performance Awards Watch List

31 May 2012

University of Maine football standouts Michael Cole and Justin Perillo have been named to the 2012 College Football Performance Awards' Watch Lists, according to the Maine Black Bears website. Cole, a junior defensive lineman from North Brunswick, N.J., was a Second Team All-CAA selection last season. He led the conference with 11.0 sacks and had the second-most tackles-for-loss with 15.0. Perillo, a junior tight end from Wilmington, Del., was also a Second Team All-CAA selection last year. He ranked sixth in the conference with 51 catches for 511 yards and four scores. Contact: Andrew Mahoney, (207) 581-4158

Track Standout Connors Named to All-Academic Team

01 Jun 2012

University of Maine women's track and field standout Corey Conner has been named to the CoSIDA District I Cross Country and Track and Field All-Academic First Team. Conner, who advanced to the NCAA Championships which will be held June 6-9, is the 2012 America East Champion and conference-record holder in the 5,000 meters. She recently placed second in her heat at the NCAA East Preliminary Round to advance to the Championships. A senior from Townsend, Mass., Conner is majoring in nursing and has achieved numerous accolades for her academics. Among them, she was named a 2011 CoSIDA Academic All-American, as well as being the 2011 recipient 'M' Club Dean Smith Award, given to the top male and female student-athlete at the University of Maine. A 2011 Indoor Track and Field All-American in the 5,000 meters, Conner has also won the America East Cross Country Championship and advanced to the NCAA Cross Country Championships twice. Contact: George Manlove, (207) 581-3756

Science Website Carries UMaine Trash Report

01 Jun 2012

The science website [Phys.Org](#) has posted a University of Maine news release about the results of a study overseen by University of Maine School of Economics Director George Criner on the contents of garbage in a sampling of more than 15 Maine communities. Researchers found that 60 percent of what's typically thrown in the trash could be recycled, composted or reused at substantial financial savings for communities and consumers. Contact: George Manlove, (207) 581-3756

Comins Discusses Space Travel Outlook

01 Jun 2012

University of Maine astronomer and professor of physics Neil Comins was interviewed for a [Channel 2 \(WLBZ\) news report](#) Thursday on the privatization of space travel as a trend of the future. Thursday's successful splashdown of the

privately owned commercial spacecraft, Dragon, after resupplying the International Space Station, was the inaugural sign of what's to come. Comins also said commercialization of space travel could make it easier for a space tourism industry to develop. Contact: George Manlove, (207) 581-3756

Newspaper Cites UMaine Economists' Cruise Line Study

01 Jun 2012

An article in the [Portland Press Herald](#) about the beginning of the cruise line season in Maine noted that a University of Maine School of Economics and UMaine Cooperative Extension study of the economic benefits of cruise line visits to Maine ports is substantial. The 2008 study found that 47,000 passengers from 31 ships added \$5.8 million to \$8 million to Greater Portland's economy that year. Each cruise passenger spent \$80.51 to \$109.68 while in port, economists Todd Gabe and Jim McConnon found. Contact: George Manlove, (207) 581-3756

Energy Foundation Announces UMaine Student's Scholarship

01 Jun 2012

The global energy organization Iberdrola USA Foundation and the Fundacion Iberdrola Scholarship Program for Energy and Environment Postgraduate Studies in the United States announced the awarding of fellowships to University of Maine Civil and Environmental Engineering graduate student Matthew Burns and a student at the Rochester Institute of Technology. Burns studies the feasibility of deploying multiple energy generators on a single offshore mooring to reduce construction costs and limit the seabed footprint. The scholarships were established last year to support graduate studies in renewable energy, environmental protection, climate change and energy efficiency. Contact: George Manlove, (207) 581-3756

Women's Basketball in Top 10-Percent in Nation for Recruiting

05 Jun 2012

The University of Maine women's basketball program, which recently completed its 2012 recruiting season, has been ranked 36th in the nation out of 342 teams by the NCAA Division-I women's basketball teams' Chris Mennig, national scouting director with Blue Star Basketball. The Black Bears locked up three student-athletes from the United States in the fall signing period before going on to ink six overseas student-athletes in the spring. Maine's incoming class of nine has received high marks in terms of overall recruiting class rankings. "Coach (Richard) Barron's class is one of the largest and far reaching recruiting classes in the country for 2012," Mennig said. "This day and age it is hard to find 'diamonds in the rough' anymore, but Rich and his staff have scoured the globe to find some. This is by far the top mid-major class in the country." Both Blue Star Basketball and the Collegiate Girl's Basketball Report ranked Maine's 2012 recruiting class as tops amongst the America East Conference. "Signing nine players in a class is almost unheard of but a bold move by Coach Barron in trying to rebuild the program," added Chris Hansen, the national director of prospects with ESPN's HoopGurlz. New players include: Michal Assaf, a 5-6 guard out of Ganey Tikva, Israel; Lauren Bodine, a 5-8 shooting guard from Louisville, Ky.; Chantel Charles, a 5-10 guard from Hackney, London; Mikaela Gustafsson, a 6-2 forward from Sodertalje, Sweden; Anna Heise, a 6-3 center from Halle, Germany; Milica Mitrovic, a 5-9 guard from Belgrade, Serbia; Sophie Weckström, a 5-8 guard from Espoo, Finland; Brittany Wells, a 5-7 guard out of Indianapolis; and Elizabeth Wood, a 5-10 guard and forward from Catlee, Va. Contact: George Manlove, (207) 581-3756

Extension's Kittridge Receiving 2012 Hikel Award

05 Jun 2012

Charles Kittridge, former agricultural engineer with the University of Maine Cooperative Extension for 31 years until his retirement in 1986 will receive the 2012 Barbara Hikel Award for exemplary volunteer service to the university after retirement. He'll receive the award during a luncheon Tuesday, June 5 at noon with UMaine President Paul Ferguson at the Wells Conference Center, part of the UMaine Annual Retiree Homecoming Fair. During his tenure at UMaine,

Kittridge was instrumental in many innovations and changes in Maine agriculture. In his retirement, he was instrumental in the development of numerous large, complex databases and reporting structures for Cooperative Extension and other UMaine departments for 25 more years. He is the “go to guy” for Web and database development and has been willing to share his expertise with UMaine employees. His expertise and volunteer service has saved UMaine thousands of dollars. John Rebar, director of UMaine Cooperative Extension is the featured speaker, at 11 a.m. The fair begins at 9:30 a.m. and ends at 2 p.m. Reservations for the luncheon can be made by calling Kelly Hoovler at (207) 581-1580. Contact: Kelly Hoovler, (207) 581-1580

Channel 5 Covers High-Altitude Balloon Launch

05 Jun 2012

Channel 5 (WABI) aired a report on the high-altitude balloon launch over the weekend by several University of Maine engineering students and some from Bangor High School. The experiment was funded by the Maine Space Grant Consortium with support from NASA. Electrical and computer engineering professor Rick Eason was interviewed for the report. He said such projects are an easy way for students to get to space. The balloon rose to nearly 100,000 feet before parachuting with cameras and equipment back to Earth. Contact: George Manlove, (207) 581-3756

UMaine Political Scientist Comments in Candidate Profile

05 Jun 2012

University of Maine political scientist Mark Brewer was interviewed for a [Kennebec Journal article](#) profiling Democratic U.S. Senate candidate Benjamin Pollard of Portland. Brewer said among Pollard’s immediate goals should be establishing name recognition, given his limited political experience. Contact: George Manlove, (207) 581-3756

Portland Newspaper Cites Extension’s Harvest for Hunger Program

05 Jun 2012

[The Portland Press Herald](#) carried an article about another community garden at a school site in South Portland, which is dedicating three rows of produce for donation to charity through the University of Maine Cooperative Extension’s Harvest for Hunger program. The garden is at Hinckley Park. Contact: George Manlove, (207) 581-3756

Newspaper Covers NEW Leadership Conference Speaker

05 Jun 2012

[The Bangor Daily News](#) covered the Saturday lecture by equal pay pioneer Lilly Ledbetter at the annual Maine NEW Leadership conference Saturday at the University of Maine. Mary Cathcart, a Margaret Chase Smith Policy Center senior policy fellow and co-director of the event, was interviewed for the story. She said women still need to be vigilant about pushing for equal pay and consider how unfair pay levels might affect their futures. Contact: George Manlove, (207) 581-3756

UMaine Noted in Report on Chinese Students

05 Jun 2012

UMaine was mentioned in a [Bangor Daily News story](#) about how Chinese students have fared in Bangor-area high schools. One student, who is at Orono High School, said due to the flexibility of the American curriculum, he has been able to take classes at UMaine. The [Lewiston Sun Journal](#) also ran the story. Contact: Jessica Bloch, (207) 581-3777

Award-Winning Teacher Cites UMaine Program

05 Jun 2012

In a [Bangor Daily News report](#) about Ed Lindsey, a UMaine alumnus and Old Town High School teacher who is one of 18 teachers in the nation to have won the Presidential Innovation Award for Environmental Educators, Lindsey credited the Acadia Learning Project, in which UMaine is involved, for helping him win the award. Lindsey's students gather dragonfly larvae from Sunkhaze Meadows National Wildlife Refuge in Milford before bagging, sorting and identifying samples which then go to the UMaine, where researchers analyze mercury levels. Contact: Jessica Bloch, (207) 581-3777

Bayer Interviewed on Lobster Finding

05 Jun 2012

Comments from Bob Bayer, a UMaine professor of animal and veterinary sciences and the executive director of UMaine's Lobster Institute, were included in a [Bangor Daily News article](#) about a lobster aquaculture breakthrough discovered by Brian Beal, a professor at the UMaine System campus in Machias and director of research at the Downeast Institute. Beal told the BDN he has learned how to grow lobsters in a protected environment until they are several inches long and can be released into the wild. Bayer said there might not be much immediate demand for Beal's findings in Maine, but there might be in southern New England, where lobster stocks have declined dramatically in recent years. Contact: Jessica Bloch, (207) 581-3777

ADVANCE Rising Tide Center Announces 2012 Faculty Grants

06 Jun 2012

The University of Maine's ADVANCE Rising Tide Center has announced its second round of grants aimed at fostering the professional development of UMaine female faculty members in engineering, mathematics, technology, and the physical, biological and social-behavioral sciences. Twelve grants totaling \$102,363 were awarded to UMaine faculty members in a range of academic fields in one of three granting categories: research seed, climate research and leadership development/personalized leadership institute. Last year, the ADVANCE Rising Tide Center awarded \$76,419 to UMaine faculty. The Rising Tide Center was founded in 2010 with a five-year, \$3.2 million ADVANCE Institutional Transformation grant from the National Science Foundation. The goal of the center is to increase the number of female faculty members in the STEM and SBS disciplines by defining the practices that attract and support the retention of female faculty, facilitate promotion through the academic ranks and to administrative positions, and provide professional satisfaction. Susan Hunter, UMaine's senior vice president for academic affairs and provost, is a biology professor who serves as the principal investigator on the project. Three other current faculty members co-authored the ADVANCE grant: Amy Fried, associate professor of political science; Susan Gardner, associate professor of higher education; and Karen Horton, associate professor of mechanical engineering technology. Jody Jellison, former professor of molecular plant pathology and director of the School of Biology and Ecology, was also a co-author. Ellie Groden, professor of entomology, has replaced Jellison on the team and administers the Rising Tide grants program. The awarded grants are as follows:

- Simmons School of Management Strategic Leadership for Women, Principal Investigator (PI): Amy Blackstone, Associate Professor and Chair, Department of Sociology
- "The Mindful University," PI: Leslie Forstadt, Child and Family Development Specialist, University of Maine Cooperative Extension, Co-PI: Aileen Fortune, UMaine Extension Educator
- "Zebrafish as a Model for Mast Cell Toxicology Studies," PI: Julie Gosse, Assistant Professor, Department of Molecular and Biomedical Sciences
- "Individual-based Modeling Applications in Family Forests Research," PI: Jessica Leahy, Associate Professor of Human Dimensions of Natural Resources, School of Forest Resources
- "Development of Bioinformatics Expertise as the Basis for a New Collaborative Research Program," PI: Jean MacRae, Associate Professor, Department of Civil and Environmental Engineering
- "Who Shatters the Glass Ceiling? Understanding Women's Success in the Face of Sexism," PI: Shannon McCoy, Assistant Professor, Department of Psychology
- "Effect of Iron-Oxidizing Bacteria on the Weathering Rate of Serpentinite Minerals," PI: Amanda Olsen, Assistant Professor, Department of Earth Sciences

- “Nitrogen Dynamics in the Southern Hemisphere,” PI: Jasmine Saros, Associate Professor of Paleoecology and Biological Sciences, School of Biology and Ecology and Climate Change Institute
- “Novel Processing Method for an Alternative Aquaculture Species: A Pilot Investigation,” PI: Denise Skonberg, Associate Professor, Department of Food Science and Human Nutrition
- Bryn Mawr HERS Institute, PI: Kristin Sobolik, Professor of Anthropology and Climate Change, Department of Anthropology
- “Collaborative Research on Arctic Paleoenvironmental Reconstruction,” PI: Catherine West, Assistant Professor of Anthropology and Climate Change
- “Effects of Cognitive Control on Cognitive Reappraisal Ability,” PI: Lira Yoon, Assistant Professor, Department of Psychology

Contact: Ellie Groden, leanor.groden@umit.maine.edu or (207) 581-2984; Jessica Bloch, jessica.bloch@umit.maine.edu or (207) 581-3777

Study Finds Relationship Between Dairy Food Intake and Arterial Stiffness

06 Jun 2012

Adults who include dairy foods in their diets might be reducing their arterial stiffness and decreasing their risk of cardiovascular disease, according to a new study by researchers from the University of South Australia, the University of Maine and Australian National University. The study investigated whether dairy food intake is associated with measures of arterial stiffness, including pulse pressure and carotid-femoral pulse wave velocity, a noninvasive, gold-standard method for measuring arterial stiffness. The investigators challenged the generalization that dairy consumption is associated with cardiovascular disease. Indeed, they predicted that they would find no relation between dairy consumption and arterial stiffness or less arterial stiffness in association with dairy consumption. In a study published in the American Heart Association journal, *Hypertension*, the researchers reported that pulse wave velocity, pulse pressure and systolic blood pressure decreased with increases in dairy food consumption ranging from once a week to more than once daily, independent of demographic and nutrition variables, and other cardiovascular disease risk factors. The lowest pulse wave velocity rates were recorded in those who consumed dairy products daily or up to six times weekly. There was no association found between dairy food intake and lipid levels, as well as no indication as to which dairy foods — milk, cheese, yogurt and dairy desserts, and cream and ice cream — were effective in decreasing pulse wave velocity. Further research, including controlled clinical trials, is needed to determine whether dairy food intake is an appropriate dietary intervention for age-related arterial stiffness and cardiovascular disease, and for which groups it is appropriate, according to the researchers. Increasing dairy food intake may not be an avenue to better cardiovascular health for persons who do not tolerate dairy products or for persons with specific patterns of risk factors, they caution. The study was led by doctoral student in nutrition and psychology Georgina Crichton of the University of South Australia, in collaboration with UMaine psychologist/epidemiologist Merrill Elias, and psychologists Michael Robbins and Gregory Dore; and cardiologist Walter Abhayaratna of Australian National University. The researchers analyzed the data of nearly 600 participants in the Maine-Syracuse Longitudinal Study, a 35-year community-based study that focuses on relations among risk factors for cardiovascular disease and cognitive performance across the adult life span. The longitudinal study, initiated by Elias in 1975, is one of the longest-running National Institutes of Health-funded scientific investigations at the University of Maine relating aging, arterial blood pressure and cardiovascular disease risk factors to comprehensive measures of neuropsychological test performance. The conclusions reached by the investigators are based on their peer-reviewed study and do not represent official views by the American Heart Association or the National Institutes of Health. Contact: Georgina Crichton, whige003@mymail.unisa.edu.au; Merrill Elias, mfelias@umaine.edu; Margaret Nagle, (207) 581-3745

Graduate Student Explores Link Between Carbon Dioxide and Blindness in Cod

06 Jun 2012

It was a mystery that puzzled researchers at the University of Maine’s Center for Cooperative Aquaculture Research (CCAR) in Franklin, Maine: What caused hundreds of Atlantic cod in a research project there in 2004 to develop severe cataracts at higher rates than expected? Based on extensive studies carried out in the last five years, UMaine Ph.D.

student Kevin Neves and CCAR Director Nick Brown have determined that cod living at high densities were exposed to higher levels of carbon dioxide, causing them to grow cataracts and eventually go blind. Fish that cannot see to locate their food cannot grow. “Any animal produces carbon dioxide when it respire, and the water systems that we have here are all recirculating,” Neves says. “Unlike humans, who breathe out carbon dioxide and it dissipates into atmosphere, (in water) carbon dioxide has a tendency to dissolve. Back in 2004, we didn’t have an accurate test for dissolved carbon dioxide in seawater, so we used a formula based on temperature, pH and alkalinity to get an approximate value. We found out that the carbon dioxide could have been 30 parts per million when the average seawater has less than one part per million.” Although Neves says the blind cod are perfectly safe to eat, there are aquaculture implications for fish with cataracts. If a cod with cataracts were to survive long enough to make it to market, it would have lower value. “The major goal of the fish raised here in the net pens is for them to be sold in the live markets in New York, Boston and Philadelphia,” he says. “There’s a lot of money at stake. These fish were almost jet black instead of the silvery brown color you’d expect from a cod. They had bright white eyes. Some of them were decent size but most were smaller. They just didn’t look like something you would buy in a market.” In fact, the impact of carbon dioxide in water could reach beyond aquaculture in the deep future, when carbon dioxide levels are predicted to rise and could affect many more species. In 2004, Brown was working on a grant with local salmon farmers to determine the feasibility of using existing salmon farms to also grow Atlantic cod. The cod used in the research were initially raised at CCAR and were then to be transferred to net pens at salmon farms. However, due to unforeseen delays, the cod stayed at CCAR for longer than anticipated, and at high densities. By the time the fish were moved, it was discovered that more than 90 percent of the cod had developed cataracts. The cod did poorly, experiencing high mortality and low growth. Within another year, 98 percent of the cod were blind. The salmon were unaffected. The researchers took tissue, blood and other samples from the blind cod, and ruled out viruses, toxins and pathology. Diet may have been a factor, the researchers theorized, but all of the food the cod had been fed was long gone. Genetics could have been an issue, but there are multiple males and females, and the chance that every single one would have been blind is very unlikely. Brown later read a Danish Technical University study of carbon dioxide and Atlantic cod, which anecdotally noted that as researchers increased the levels of carbon dioxide, they noticed more cataracts. This, Brown reasoned, could explain the 2004 incident. Brown approached Neves, who arrived at UMaine in 2008 for graduate school, about pursuing the research. Neves considers himself a fish nutritionist and didn’t know a lot about the fish eye or carbon dioxide, but agreed to take on the mystery. Based on a conversation with one of Brown’s previous colleagues, Grethe Rosenlund at the Aquaculture Research Centre in Norway, which is run by major aquaculture feed producer Skretting, the researchers decided to investigate whether an amino acid that helps salmon maintain proper eye development would have an effect on cod. The amino acid, called histidine, is thought to buffer the eye from changes in the environment, which is critical for salmon that move from freshwater to saltwater and are susceptible to a type of cataract. Skretting formulated three feeds – one that was histidine-deficient, one that had the adequate amount of the amino acid, and another that had extra histidine. The researchers and CCAR systems manager Christian Cox also set up three treatments at CCAR – one with carbon dioxide levels of 20 parts per million, which is considered a safe level, and two other tanks at lower levels. It wasn’t an easy feat of engineering, Neves says. The amount of carbon dioxide delivered to each treatment was controlled using automatic valves connected to carbon dioxide sensors, so if carbon dioxide levels rose too high, the valves closed and when the levels dropped too low, the valves opened. Carbon dioxide was physically removed from the water bypassing it through one of two degassing towers, which helped to precisely control the levels of carbon dioxide. There were an industry-standard 150 fish per tank, and the fish were raised on the food with the different levels of histidine until they weighed 100 grams. Ultimately, the different diets didn’t matter. Within one month, cataracts were already starting to show up in the high-carbon dioxide tank. Six months later, the researchers saw 96 percent cataracts in the high-carbon dioxide tank, regardless of histidine levels in the feed. Even in the tanks with lower levels of oxygen, up to 40 percent of the fish had cataracts after six months. Neves, along with CCAR staff, also sampled 600 cod that had been moved to the net pens when they were much smaller and had therefore spent less time in the tanks, and found just 1.1 percent had cataracts. The fish in the high-carbon dioxide tank were also smaller than average and nearly jet black instead of the brown silvery color of cod. Although the fish were smaller than average, they were likely able to survive because the tanks were a sort of artificial space. The tanks had a bottom, which meant the cod could find food that had fallen to the floor of the tank. Neves and Brown also considered the possibility that something else was causing the cataracts, and sent out hundreds of blood and tissue samples for analysis. So far, nothing has come back as positive. They also worked with Clive Devoy, the laboratory supervisor at UMaine’s Sawyer Environmental Chemistry Research Lab, to track changes in the level of calcium in the eye; Dawna Beane, a histologist with the UMaine Animal Health Lab, to track physical changes in the eye; and Brian Perkins, a research assistant professor in UMaine’s Department of Food Science and Human Nutrition, to do amino acid analysis. Neves, who has Type I diabetes (diabetes raises the risk for cataract development), also

measured blood glucose because fish do not have a good method of maintaining their blood sugar levels. He found that the healthiest fish had the highest blood sugar levels. There is no way to tell how many cod in the open ocean have cataracts, Neves says, because those fish would never survive an environment in which they could not see their food. However, considering the models that project increases in ocean acidification, which is the result of increased carbon dioxide in the atmosphere, Neves believes there is a possibility in the future that cod and other fish could be affected. "Right now the levels in the ocean and atmosphere are at equilibrium, but as more carbon dioxide is pumped into the atmosphere from greenhouse gas emissions, eventually you're going to shift the carbon dioxide into the water, which will lower the pH of the water and increase the carbon dioxide levels," he says. "The levels they're predicting, say, 100-200 years down the road, are those levels we would see at our low carbon dioxide treatments. It's already been shown to affect invertebrate animals such as corals and some clam species." Although those outcomes are likely hundreds of years away, Neves hopes his research will heighten awareness of the need for water quality parameters, and the effects of those parameters on aquaculture and local cod farmers. "Water quality parameters are clearly species-dependent, so carbon dioxide levels of 20 parts per million could be OK for very hardy fish such as tilapia or catfish," says Neves. "But to extrapolate that to a very wide range of species is not going to work, and hopefully this can help people be more productive in terms of Atlantic cod aquaculture. Right now, if 10 percent of the cod have cataracts, that's 10 percent the farmers have lost right there." Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Up, Up and Away

06 Jun 2012

[Click here to view the Up, Up and Away video on YouTube.](#)

TV Break

06 Jun 2012

[Click here to view the TV Break video on YouTube.](#)

UMaine Baseball Player Drafted by Diamondbacks

06 Jun 2012

University of Maine baseball junior pitcher Jeffrey Gibbs was selected by the Arizona Diamondbacks in the ninth round, 303rd overall, Tuesday afternoon in the 2012 MLB Entry Draft. Gibbs, a business major from Toronto, has seen action in 42 games for the Black Bears, making 39 career starts. He is 16-13 in his career with a 5.02 ERA with three complete games. Gibbs has pitched 211.2 innings for Maine, striking out 197 batters. Gibbs becomes the third UMaine baseball player in the past two seasons to be drafted. Taylor Lewis and Keith Bilodeau were both drafted in the 2011 MLB Entry Draft last season. Contact: Jessica Bloch, (207) 581-3777

Sports Illustrated Website Features UMaine Hockey Alum

06 Jun 2012

Dustin Penner, who played hockey at UMaine and is now playing in the Stanley Cup finals with the Los Angeles Kings, was profiled on the Sports Illustrated website. The profile noted that although Penner "skated like Bambi" when he first arrived at UMaine, the wing player now has three goals and eight assists in the playoffs. Contact: Jessica Bloch, (207) 581-3777

UMaine-Bound Students Interviewed on STEM

06 Jun 2012

Two students who said they are heading to UMaine were interviewed in a Bangor Daily News article about [Maine Gov. Paul LePage's](#) promotion of STEM (science, technology, engineering and math) education. Nick Ferguson of Sidney

and Derek Caron of Oakland, both seniors at Messalonskee High School in Oakland, said they intend to study chemical engineering and computer engineering, respectively, at UMaine. Contact: Jessica Bloch, (207) 581-3777

Fried Column on R&D Bond

06 Jun 2012

UMaine political scientist Amy Fried has a column in the Bangor Daily News about [Maine Gov. Paul LePage's](#) recent veto of a bond for research and development. Fried noted that about 15 years ago, a bipartisan group of Maine leaders realized that R&D is critical to the state's future and created the Maine Economic Improvement Fund, but LePage's veto of the R&D bond abandoned Maine's previous bipartisan consensus and vision of Maine's future. Contact: Jessica Bloch, (207) 581-3777

TV Report on Upward Bound Funding

06 Jun 2012

Bangor TV station WABI reported on UMaine's Upward Bound program, which has been in existence for 46 years but due to a funding cut may now be eliminated. Upward Bound co-director Lori Wingo noted the program assists low-income, first-generation students for whom applying for college and financial aid can be intimidating. Becky Colannino, who is also a co-director of Upward Bound, said in the report that students who are involved in the program go on to college at a rate of 80 percent, compared for 30 percent for low-income youth in Maine. Current UMaine graduate students Ryan Pickering and Matt Leavitt were interviewed about the impact Upward Bound had on their lives. Contact: Jessica Bloch, (207) 581-3777

Baseball, Softball Players Continue Careers

07 Jun 2012

University of Maine baseball player Stephen Perakslis has been selected in the 21st round, 644th overall, of the 2012 MLB Entry Draft, by the Chicago Cubs. He becomes the second Black Bear drafted in as many days, joining Jeffrey Gibbs who was selected Tuesday in the ninth round, 303rd overall, by the Arizona Diamondbacks. Perakslis, a pitcher from Abington, Mass., appeared in 46 games for the Black Bears, making 33 starts the past three seasons. He has a career record of 15-13 with a 4.40 ERA. He struck out 156 batters in 214.2 innings the past three seasons. Perakslis, who just completed his junior season for the Black Bears, played in 15 games for Maine this season. An American East Second Team selection, he finished 5-5 with a team-best 3.81 ERA. Meanwhile, former UMaine softball shortstop Jennifer Eberhardt of Glendale, Ariz., has announced she will play for Central in Utrecht, Netherlands. Eberhardt will leave Maine on June 7 for the Netherlands. After transferring from Glendale Community College, Eberhardt spent two years at UMaine where she started all 97 possible games. Eberhardt had a UMaine career .294 batting average, 39 RBI and 52 runs scored with eight home runs and 16 doubles. Contact: Jessica Bloch, (207) 581-3777

BDN Health Website Runs Treadmill Study News

07 Jun 2012

The [Bangor Daily News health website highlighted](#) a UMaine news release about researchers who have been comparing athletes' performance on an underwater treadmill versus a traditional treadmill. The group, which included graduate students Philip Watson and Travis Bouchard and undergraduate Cassandra Mendonca, who received degrees in May 2012, along with professor Robert Lehnhard, had found there was no metabolic data quantifying how much exertion is involved with the underwater treadmill. Lehnhard said the treadmill fits well for rehabilitation patients, but doesn't think it's a tool one would use for intense conditioning.

Contact: Jessica Bloch, (207) 581-3777

Logue Comments About Childhood Play in Newspaper Report

07 Jun 2012

Comments from Mary Ellin Logue, a UMaine associate professor of child development and family relations, were included in a [Bangor Daily News report](#) about the death of a 2-year-old who had been roughhousing with his older brother. Logue said the incident shouldn't be cause for people to stop playing or roughhousing with their children, but parents need to be mindful of how their children are playing together. Contact: Jessica Bloch, (207) 581-3777

TV Report on Maine NEW Leadership

07 Jun 2012

[Bangor TV station WVII](#) covered the closing ceremony of this year's Maine NEW Leadership initiative, which is sponsored by UMaine's Margaret Chase Smith Policy Center. UMaine President Paul Ferguson attended the commencement ceremony for the program, which gives female college students an opportunity to learn networking and leadership skills. The report also included comments from Mary Cathcart, a senior policy associate at the center. Contact: Jessica Bloch, (207) 581-3777

Blueberry Expert Interviewed About Crop

07 Jun 2012

David Yarborough, a University of Maine Cooperative Extension blueberry experts, was interviewed by the [Bangor Daily News](#) about the effects of the cold, wet, foggy spring on the blueberry crop along the Down East coast. Yarborough said the fields close to the ocean may be a bust, but inland fields are a lot further along. He also said the warm winter is making insect pests more of a problem for growers. The [Lewiston Sun Journal](#) also ran the story. Contact: Jessica Bloch, (207) 581-3777

Cruise Ship Research Noted in TV Story

07 Jun 2012

[A story](#) on the website of Portland TV station WCSH about the arrival in Portland of a large cruise ship mentioned UMaine research into the cruise ship industry. The 2009 study by UMaine economists Jim McConnon and Todd Gabe, found the industry brings in upwards of \$6 million or more to Portland. Contact: Jessica Bloch, (207) 581-3777

UMaine Student Wins Truman Scholarship

08 Jun 2012

Nicole Golden, a University of Maine junior who is a double major in psychology and sociology, has been named a winner of a Truman Scholarship. Golden is one of 54 winners selected from 587 candidates nominated by 292 colleges and universities. Truman Scholars were chosen by 16 independent selection panels on the basis of their academic and leadership accomplishments, and their likelihood of becoming public service leaders. Golden is the president of UMaine's Nontraditional Student Association. She works with several non-profit organizations focusing on kinship care, anti-bullying and marriage equality. Ultimately, Golden hopes to hold elected office where she'll advocate on behalf of abused and neglected children. She is interested in pursuing a law degree and specializing in family law. Each new Truman Scholar receives up to \$30,000 for graduate study. Scholars also receive priority admission and supplemental financial aid at some graduate institutions, leadership training, career and graduate school counseling, and special internship opportunities within the federal government. Recipients must be U.S. citizens, have outstanding leadership potential and communication skills, be in the top quarter of their class, and be committed to careers in government or the non-profit sector. Contact: Jessica Bloch, (207) 581-3777

Press Herald Reports on Strawberry Season Outlook

08 Jun 2012

Comments from David Handley, a University of Maine Cooperative Extension vegetable and small fruit specialist, were included in a Portland Press Herald report on the Maine strawberry harvest. Handley said strawberry growers are anticipating a good harvest in the coming weeks despite frosts and recent heavy rain. Contact: Jessica Bloch, (207) 581-3777

Researcher in Report on Search for Slain Prime Minister's Remains

08 Jun 2012

Marcella Sorg, a UMaine forensic anthropologist, was noted in an Associated Press report posted on the Fox News website about the search for the remains of [Maurice Bishop](#), a Marxist prime minister of Grenada who was gunned down in 1983 by a firing squad. According to the AP, Sorg led an international team that spent two weeks in May excavating part of a cemetery in Grenada. The team found bones in an unmarked grave, but not those of Bishop. Contact: Jessica Bloch, (207) 581-3777

Websites Note Research Into Dairy Food, Arterial Stiffness

08 Jun 2012

The website Medical Xpress posted a UMaine news release about research into the connection between the consumption of [dairy food and arterial stiffness](#). UMaine psychologist/epidemiologist Merrill Elias, and psychologists Michael Robbins and Gregory Dore, who collaborated on the research with colleagues in Australia, helped find that adults who include dairy foods in their diets might be reducing their arterial stiffness and decreasing their risk of cardiovascular disease. The website [Dairy Herd Management](#) also ran a story about the findings. Contact: Jessica Bloch, (207) 581-3777

Political Scientist Interviewed About Maine Primaries

08 Jun 2012

UMaine political scientist Mark Brewer was interviewed by [Seacoast Online](#) for a story about next week's primaries for in the race for U.S. Senate in Maine. Brewer said the Democratic and Republican victors will get statewide campaigning credentials that can't be garnered any other way, and even losing a primary helps give a candidate name recognition. Contact: Jessica Bloch, (207) 581-3777

UMMA Hosting Afternoon Tea with Painter, Activist

11 Jun 2012

The [University of Maine Museum of Art](#) is inviting the public to a free afternoon tea with artist Arnold Mesches at 2 p.m. on June 20. Mesches' paintings are featured this summer in the UMMA exhibition, "Arnold Mesches: A Minispective," which opens June 22. In a career spanning over half a century, Mesches, a prolific painter and activist, continues to create art that conveys his concern for a tumultuous world. His energetic brushwork, generous application of paint and lively use of color reflect his abstract expressionist spirit. His images fluctuate from the sacred to the profane, as he depicts both what is most revered and feared in society. The afternoon tea is an opportunity to meet the artist, enjoy light refreshments and hear a talk by Mesches about his work. Reservations are requested and can be made by calling the museum at (207) 561-3350. UMMA is located at 40 Harlow Street in Bangor. Contact: Kathryn Jovanelli, (207) 561-3350

Political Scientists Interviewed About U.S. Senate Candidates

11 Jun 2012

University of Maine political scientists Mark Brewer and Amy Fried were interviewed for analytical articles about the candidates for the U.S. Senate seat being vacated by retiring Republican Olympia Snowe. Fried was interviewed for a [Washington Post article](#) on former Maine Gov. Angus King's bid for the seat. [Brewer told The Republic](#) that Democrats seeking their party's nomination are fighting to show they have the experience to qualify them for the office. Contact: George Manlove, (207) 581-3756

Handley Comments on Strawberry Harvest

11 Jun 2012

Channel 5 (WABI) ran an Associated Press report that included comments from University of Maine Cooperative Extension vegetable and small fruit specialist David Handley about how the 2012 crop is shaping up. Handley said favorable weather last fall and early warm weather this spring has helped produce a "terrific" strawberry bloom now. Maine Public Broadcasting Network and the Indiana-based The Republic also carried reports. Contact: George Manlove, [\(207\) 581-3756](#)

Blueberry Specialist in Report on Crop Pollination Issues

11 Jun 2012

University of Maine Cooperative Extension professor and blueberry specialist David Yarborough was interviewed for a Bangor Daily News article published in the [Kennebec Journal](#) and other news outlets about pollination problems in many Maine blueberry barrens caused by last week's gloomy weather, which discouraged honeybees from doing their work buzzing from flower to flower. Bees are critical for pollination success, Yarborough said. Contact: George Manlove, (207) 581-3756

Economists McConnon, Gabe Discuss Ellsworth Retail Growth

11 Jun 2012

[The news website Fenceviewer](#), an affiliate of the Ellsworth American, reported on a presentation before an Ellsworth Area Chamber of Commerce breakfast meeting by University of Maine economists Jim McConnon, a University of Maine Cooperative Extension specialist and professor of economics, and Todd Gabe, a UMaine School of Economics researcher and faculty member. They discussed Ellsworth's 2012 first-quarter retail growth of 6.2 percent over last year's first quarter, and noted that the improvement mirrors what's been happening throughout Maine this year. Contact: George Manlove, (207) 581-3756

Maine Wind Research, Collaborations Cited in Energy Article

11 Jun 2012

Several University of Maine collaborative partnerships helping research and design new water, wind and wave energy industries were included in an article in Maine Insights about how much money is being spent on out-of-state oil and gasoline, which could be reduced through the development of innovative local and renewable energy resources. The article included comments from U.S. Department of Energy Secretary Steven Chu, who said emerging water-power technologies will help develop energy independence, jobs and secure U.S. leadership in an emerging global market. Contact: George Manlove, (207) 581-3756

NECN Bullying Report Notes UMaine Research

11 Jun 2012

A [New England Cable News \(NECN.com\)](#) interview about keeping kids safe from bullying and hazing at summer sports camps cited groundbreaking research by University of Maine College of Education and Human Development

faculty members Elizabeth Allan and Mary Madden that showed 47 percent of more than 11,000 students surveyed on 53 campuses nationwide reported they had experienced bullying or hazing in high school. Contact: George Manlove, (207) 581-3756

Hough Interviewed for Domestic Violence Perspective Article

11 Jun 2012

An article in the [Waterville Morning Sentinel](#) about how public consciousness of domestic violence has changed in the last four decades included comments from Mazie Hough, associate director of women's studies at the University of Maine. Hough said what started in the 1970s as a grassroots feminist movement to establish domestic violence projects and influence policy change statewide has become significantly mainstreamed today. Contact: George Manlove, (207) 581-3756

Littlefield Gardens to Benefit from Peony Grower's Open House

11 Jun 2012

A gardening column in the [Portland Press Herald](#) about peonies now blooming in Maine noted that \$2 donations collected from visitors at gardener Ken Liberty's open house June 23 at 23 Ohio Street in Bangor will benefit several nonprofit groups, including the University of Maine's Lyle E. Littlefield Ornamentals Trial Garden, which now has various varieties of blooming peonies. Contact: George Manlove, (207) 581-3756

Third-Largest Gift In UMaine History Received To Support Maintenance

13 Jun 2012

A \$7.9 million gift from the estate of Thomas P. Hosmer was recently received by the University of Maine Foundation to primarily support maintenance projects at the University of Maine. This is the third-largest single gift given to benefit the University of Maine. According to Amos Orcutt, University of Maine Foundation president and CEO, more than 90 percent of the gift is designated for the Thomas P. Hosmer Fund, an endowed fund established at the foundation in 2005 to provide supplemental income for maintenance and repairs that would not otherwise be done due to budget limitations. The remainder of the gift is designated for an endowed scholarship and an endowed lab to benefit the University of Maine Department of Mechanical Engineering that are both also in Mr. Hosmer's name. "The fact that he chose maintenance as his legacy speaks volumes about Tom's commitment to the university," Orcutt says. "In fact, Tom said it best himself when he wrote in his fund description that the university is a special place and should look the part." Orcutt adds he hopes Hosmer's gift will help others realize that while there is always going to be a need for traditional scholarship support, there are other, less traditional ways of supporting the university that can be just as impactful. "I am overwhelmed by Tom's generosity," says UMaine President Paul W. Ferguson. "His personal vision for UMaine is clearly captured in our new Blue Sky Plan that seeks to enhance our physical infrastructure through consistent funding for maintenance and repair. It is essential that our campus beauty as well as our classrooms and laboratories reflect the world class place of learning and discovery that UMaine represents." Mr. Hosmer graduated from the University of Maine in 1958 with a degree in mechanical engineering. He was a consulting engineer for Arthur D. Little in Cambridge, Mass., from 1965 to 2002, and from 2002 to 2004 he was a senior mechanical engineer for Nuvera Fuel Cells, Inc. also in Cambridge. He passed away in May 2011. The University of Maine Foundation is a separate nonprofit 501(c)(3) organization that was established in 1934 and has offices on the University of Maine campus in Orono and in Falmouth, Maine. The foundation exists to encourage private support to promote academic achievement, foster research and elevate intellectual pursuits at the University of Maine in Orono and other charitable organizations and has assets approaching \$200 million. Contact: Amos E. Orcutt (207) 581-5100

Rogers Farm Hosting Summer Educational Events

12 Jun 2012

Three events are being held in July at the University of Maine Rogers Farm Forage and Crop Research Facility on

Bennoch Road in Stillwater to highlight sustainable agricultural research being conducted there. On July 3, a research tour organized by UMaine Extension sustainable agriculture specialist Ellen Mallory is being offered for a group of 35 Danish organic grain and dairy farmers from 8:30 a.m. to noon. The event is part of a weeklong tour of farms in the region, an exchange that resulted from contacts made during a similar 2010 tour in Denmark by Maine and Vermont bread-wheat farmers and millers. On July 10, Mallory will lead a meeting, "University of Maine Small Grain and Forage Field Day," from 5:30 p.m. to 8 p.m., to highlight research being conducted as part of the local bread-wheat and organic dairy projects. Topics include variety trials of wheat, spelt and flax, summer forage options, fitting wheat into dairy rotations, and organic bread-wheat fertility. Additional speakers include Richard Kersbergen, Tom Molloy and Aaron Englander. This event is free and open to the public. On July 25, the "2012 University of Maine Sustainable Agriculture Field Day" will be held from 4 p.m. to 6:30 p.m. The focus of this year's event will be "Advances in Pest Management" and will include talks on integrated pest management for sweet corn, tree fruit, and home gardens, plantings to attract pollinators, crow management in corn, spotted winged drosophila and the Master Gardener program. An optional pest identification session will be held from 3 p.m. to 4 p.m. The event is free and open to the public. Media are welcome to cover all events. For additional information, contact Charlene Herrick in the College of Natural Sciences, Forestry, and Agriculture at (207) 581-3204.

UMaine Role in New Bridge Year Program Noted

12 Jun 2012

Several news organizations, including the Maine Public Broadcasting Network, covered the unveiling Monday by Gov. Paul LePage, Maine Education Commissioner Stephen Bowen and Hermon High School students and administrators of the pilot Bridge Year Program, an educational collaborative involving the University of Maine. The project allows 15 college-bound technology students from Hermon to finish high school graduation requirements while at the same time taking technology classes at the United Technologies Center and Eastern Maine Community College in Bangor at reduced tuition rates. The goal is to prepare students for technology careers and college by introducing them earlier to skills and classes leading to an associate's degree. The program is designed to give the students credits acceptable for University of Maine System enrollment and also exposure to UMaine summer programs. The event was also covered by the [Bangor Daily News](#), Channel 5 (WABI), and Channel 7 (WVII).

Contact: George Manlove, (207) 581-3756

Maine Lobster Institute Cited in CNN Blue Lobster Report

12 Jun 2012

[A CNN news report](#) about a Nova Scotia lobster boat pulling a rare bright blue lobster from the Atlantic included a reference to the University of Maine Lobster Institute, which has said blue lobsters like the one caught in Canada are a 1 in 2 million phenomenon. Contact: George Manlove, (207) 581-3756

Texas Newspaper Reports on \$7.9 Million Gift to UMaine

12 Jun 2012

The [San Antonio Express News website](#), published an Associated Press article about a \$7.9 million donation to the University of Maine Foundation by the estate of 1958 UMaine engineering graduate and philanthropist Thomas Hosmer of Massachusetts. The money will support needed maintenance projects on campus and an endowed scholarship and an endowed lab to benefit the UMaine Department of Mechanical Engineering that are both also in Hosmer's name. A [UMaine news release](#) has more information. Contact: George Manlove, (207) 581-3756

Courage to Teach

12 Jun 2012

At a time of Maine school budget cuts, district consolidation and new federal and state policies measuring student and teacher performance, public education is under intense pressure. Many new K-12 teachers leave the profession in their first 3-5 years of teaching while many mid-career teachers are stressed, disheartened and overwhelmed with complex and challenging student life issues, burdensome school policies and regulations, competitive peer environments and multiple demands from competing sources. The Courage To Teach (CTT) initiative, which is sponsored in Maine by the University of Maine Cooperative Extension and led by UMaine Extension educator Doug Babkirk, seeks to build individual, group and organizational capacity to strengthen what is working well for public school teachers while creatively and effectively garnering the support needed to address what needs attention. The CTT initiative is part of a national movement to support teachers in bringing their full identity and integrity to teaching; renewing their vocational commitment and aspirations; building circles of peer support for addressing the challenges in teaching; and generating the collaborative leadership to strengthen schools as respectful, effective and progressive communities of learning. CTT activities in Maine draw upon four facilitators who have undergone training at the Center for Courage & Renewal in Seattle to offer personal and professional renewal retreats. Plans are underway to offer multi-day retreats for teachers and to work with school leaders and teachers within their schools for personal and organizational renewal. So far, the facilitators have worked in the past four years with around 150 Maine teachers in grades K-16. For more information, go to <http://umaine.edu/courage2teach/>. Contact: Doug Babkirk, (207) 712-1414 or doug.babkirk@maine.edu

Hudson Museum Explores Works "Carved in Stone"

13 Jun 2012

The Hudson Museum's "Carved in Stone" exhibit, which opened this spring in advance of the Schoodic International Sculpture Symposium, highlights the museum's impressive collection of ancient to modern stone work from all over the world. The biennial sculpture symposium, which will be held July 22-Aug. 30 on the UMaine campus, will bring eight internationally acclaimed sculptors to create works of art for local communities, including the university itself.

Marine Biologists Help Ocean Vegetables go Gourmet

13 Jun 2012

What is a weed? A plant whose virtues have not yet been discovered. Ralph Waldo Emerson A garden grows on the edge of the sea in Maine, in that rocky zone where the tides wash in and out. Winged kelp, nori, dulse and other succulent sea vegetables thrive in dense, undulating beds — an underwater Eden of tasty, nutritious foods. To many Americans, these macroalgal plants are completely unfamiliar — except when, disguised as ordinary “seaweed,” they make for slippery footing at low tide or wash ashore following a storm. But that will change if University of Maine researcher Susan Brawley is successful in her campaign to cultivate appreciation for the flavors, textures and nutrients that sea vegetables add to new and familiar dishes — from piquant snacks and hearty main courses to rich desserts.

“There is no reason we can’t build a food culture on sea vegetables, especially given the emerging interest in local foods and traditional cuisines,” *Susan Brawley*

For centuries, people of most coastal cultures have enjoyed the benefits of a diet rich in sea vegetables, Brawley notes. Although interest in Asian cuisines has showcased sea vegetables in this country — nori-wrapped sushi and “seaweed salad” are some familiar Japanese menu items — many European, South American and Scandinavian cultures also include sea vegetables in their food traditions. (Here in coastal Maine, old-timers remember that paper sacks of crisp, home-dried dulse for snacking could be found on the counters of general stores.) Brawley, a professor of plant biology in UMaine’s School of Marine Sciences, says the time is right to reintroduce Americans to their culinary roots and give Maine-based aquaculture a boost in the process.

Leadership Week

13 Jun 2012

[Click here to view the Leadership Week Commemorative Book \(PDF\)](#) [Click here to view the Leadership Week video](#)

[on YouTube.](#)

Student-Athlete Success

13 Jun 2012

[Click here to view the Student-Athlete Success video on YouTube.](#)

Former UMaine Hockey Player Wins Stanley Cup

13 Jun 2012

Dustin Penner, a former University of Maine men's ice hockey player, won the 2012 Stanley Cup on Tuesday night with the Los Angeles Kings. The Kings defeated the New Jersey Devils 6-1. He joins former Black Bear Jimmy Howard, who previously won the Stanley Cup with the Detroit Red Wings during the 2008 season, as the only UMaine players to have won the Stanley Cup. Penner was also a member of the Stanley Cup winning Anaheim Mighty Ducks in the 2006-2007 season. John Tortorella accomplished the feat in 2004 as head coach of the Tampa Bay Lightning. Penner played in all 20 Stanley Cup playoff games for the Kings, scoring three goals and adding eight assists for 11 points. Penner scored the game-winning goal in the Western Conference series-clinching victory over the Phoenix Coyotes, which propelled the Kings to the finals. Penner led UMaine to the 2004 NCAA title game, earning all-tournament honors in the process. He scored the game-winning goal in Maine's 2-1 victory over Boston College in the Frozen Four semifinal game. Contact: Jessica Bloch, (207) 581-3777

Conner Named Track All-American

13 Jun 2012

University of Maine women's track and field standout Corey Conner has been named a United States Track and Field and Cross Country Coaches' Association second team All-American. Conner, a senior nursing major from Townsend, Mass., placed 16th in the 5,000 meters at the NCAA Outdoor Track and Field Championships last weekend to earn the distinction. This is the second All-American honor for Conner. She was previously a second-team selection for the 2011 indoor season after placing 11th in the 5,000 at the NCAA Championships. Conner adds the All-American honor to cap off an outdoor season that also saw her win the 5,000-meter crown at the America East Championships in a conference and school-record time of 15:59.66, while also taking runner-up honors in the 3,000 at the ECAC Championships. Contact: Jessica Bloch, (207) 581-3777

Offshore Wind Laboratory

13 Jun 2012

The international [SustainableBusiness.com website](#) noted plans by the oil company Statoil to build the world's largest floating wind farm off the Maine coast with research assistance from the University of Maine's Wind Energy Lab. Maine is considered a prime location for offshore wind projects because of state policy and the UMaine lab, "where they are working on tools for construction and siting that conflict the least with other uses," according to the report. Contact: George Manlove, (207) 581-3756

Lobster Institute Cited in New York Daily News Story

13 Jun 2012

A New York Daily News report about a [Nova Scotia lobster boat](#) pulling a rare bright blue lobster from the Atlantic included a reference to the University of Maine Lobster Institute, which has said blue lobsters are a 1 in 2 million phenomenon. Contact: George Manlove, (207) 581-3756

News Media Report on \$7.9 Million Gift to UMaine

13 Jun 2012

Multiple news organizations, including the [Bangor Daily News](#), Channel 2 ([WLBZ](#)) and [Mainebiz](#) carried reports of the \$7.9 million donation to the University of Maine Foundation by the estate of 1958 UMaine engineering graduate and philanthropist Thomas Hosmer of Massachusetts. The money will support maintenance projects on campus, an endowed scholarship and an endowed lab, all in his name, for the UMaine Department of Mechanical Engineering. [New England Cable News](#), the Maine Public Broadcasting Network and the Portland Press Herald were among the organizations carrying an Associated Press article about the gift. A [UMaine news release](#) has more information. Contact: George Manlove, (207) 581-3756

Kaye on MPBN Panel About 'New' Aging

13 Jun 2012

Len Kaye, professor of social work and director of the University of Maine Center on Aging, was a recent guest on the Maine Public Broadcasting Network program ["Maine Calling."](#) during which several panelists fielded questions about new thoughts on what aging is and what it means, particularly for baby boomers, who are more independent, healthy, social and active than previous generations of aging Americans. Contact: George Manlove, (207) 581-3756

UMaine Cross Country Teams Earn National Academic Honors

13 Jun 2012

The University of Maine men's and women's cross country teams were two of 954 NCAA Division I sports teams honored Thursday by the NCAA for earning Public Recognition Awards, which are based on the teams' most recent multi-year Academic Progress Rate (APR). These awards are given each year to teams with APRs in the top 10 percent in each sport. The men's cross country team was honored for the second straight year, while the women's squad has received honors seven years in a row. Each year, the NCAA tracks the classroom performance of student-athletes on every Division I team through the APR. The score measures eligibility and retention each semester or quarter and provides a clear picture of the academic culture in each sport. The most recent APRs are multi-year rates based on scores from the 2007-08, 2008-09, 2009-10 and 2010-11 academic years. "These teams prove that it is possible to not only balance academic and athletic commitment, as most student-athletes do; but to exceed standards and post outstanding academic scores," says NCAA President Mark Emmert. "The drive and determination shown in the classroom and on the field by these men and women represent what it means to be an NCAA student-athlete." The 954 teams publicly recognized this year for high achievement represent 560 women's teams and 394 men's or mixed squads. Seven schools and 25 different teams in the America East conference, of which the Black Bears are members, were honored for their APR scores. There were five America East men's cross country teams honored, while University of Maryland Baltimore County joined UMaine as the only other America East women's cross country team to receive recognition. Top performing APRs this year ranged from 978 to a perfect 1,000, with the majority of teams earning a perfect APR. The number of teams in some sports may exceed 10 percent depending on the number of perfect scores. A total of 263 schools, out of 347 Division I colleges and universities, placed at least one team on the top APR list. Additionally, eight schools that offer athletics in more than one division, out of 49 overall within the NCAA, placed Division I teams on the list. In 2011, 909 teams were recognized. In seven years of the NCAA's academic reform program, 2,946 different teams have received Public Recognition Awards, representing 46 percent of eligible teams during that time. Of that total, 209 teams have received Public Recognition Awards each of the seven years of the program. For more information on UMaine athletics, visit goblackbears.com. Contact: Laura Reed, (207) 581-3646

Wood Researchers Win Awards

15 Jun 2012

Two University of Maine faculty members and a UMaine graduate student recently won awards for wood-related research at the 66th International Convention of the Forest Products Society. William Davids, the John C. Bridge Professor of Civil and Environmental Engineering, and Stephen Shaler, a professor of wood science, were named

winners of the L.J. Markwardt Wood Engineering Award, which is given for promoting knowledge of wood in the engineering field. Davids, Shaler and their co-authors R. Lagana and L. Muszynski were recognized for their paper, "Moment-Curvature Analysis of Coupled Bending and Mechano-sorptive Response of Red Spruce Beams," which was published in Wood and Fiber Science in 2011. Yucheng Peng, a Ph.D. student in the School of Forest Resources, won the Wood Award, which recognizes and honors the most outstanding graduate student research in the field of wood and wood products. His paper was "Spray-drying Cellulose Nanofibrils: The Effect of Spray-Drying Process Parameters on Particle Morphology and Particle Size." Peng's research focuses on developing nanotechnology. Contact: Jessica Bloch, (207) 581-3777

Sea Grant Researcher in Razor Clams Article

15 Jun 2012

Dana Morse, a member of the marine extension team of the University of Maine-based Maine Sea Grant, was interviewed for a feature article in The [Working Waterfront](#) about the challenges of farm-raising razor clams. Morse recently organized a workshop with Northeast shellfish researchers on razor clam culture for Maine coast growers. Contact: George Manlove, (207) 581-3756

Athletics Magazine Features Water Treadmill Research

15 Jun 2012

The [Athletic Business magazine](#) has posted on its website a Bangor Daily News article about University of Maine men's hockey players participating in a research project with exercise science students to determine the cardiovascular effects and energy expenditure of an underwater treadmill being used for rehabilitating injured athletes. The research established for the first time how an underwater treadmill can be an effective, low-impact method for people recovering from lower extremity injuries to maintain conditioning and cardiovascular fitness. Contact: George Manlove, (207) 581-3756

Brewer Interviewed for AP Election Analysis

15 Jun 2012

Comments by University of Maine political scientist Mark Brewer were included in an Associated Press post-primary election article posted on the [New England Cable News website](#). Brewer said the low voter turnout and large field of candidates tended to favor those with name recognition. Contact: George Manlove, (207) 581-3756

Dagher Appears as Panelist on MPBN Program

15 Jun 2012

Habib Dagher, professor of civil and structural engineering and director of the University of Maine Advanced Structures and Composites Center, joined John Ferland, vice president of project development of Ocean Renewable Power Company, and Keith Shortall, host of Maine Public Broadcasting Network's "Maine Calling" radio program to discuss benefits and challenges of developing offshore, deep water windmills on the Maine coast. Contact: George Manlove, (207) 581-3756

Ferguson Cited in Chronicle of Higher Education Story

15 Jun 2012

An article in the [Chronicle of Higher Education](#) about a National Research Council report released this week on the future of the nation's research institutions included comments from participant and University of Maine President Paul Ferguson. Ferguson said programs like the National Science Foundation's Experimental Program to Stimulate Competitive Research (EPSCoR) are helpful for institutions seeking to develop niche research expertise, such as

UMaine's recognized prowess in offshore wind turbines. The report discusses ways institutions can partner with business and industry to cope with the increasing stresses of reduced state and federal aid, including research funding. Contact: George Manlove, (207) 581-3756

UMaine Museum of Art Announces Summer Exhibits

15 Jun 2012

The University of Maine [Museum of Art](#) is kicking off the summer with four new exhibitions and a fresh rotation of the museum's permanent collection. Exhibits include painter Arnold Mesches' "Arnold Mesches: A Minispective," sculptor Richard Haden's "Carved Signs" and installation artist Chris Natrop's "Lily Ponder." The summer exhibitions begin June 22 and run through Sept. 15. Open from 10 a.m. to 5 p.m. Monday through Saturday, the museum is located at 40 Harlow Street in Bangor. Admission is free in 2012 thanks to the generosity of Machias Savings Bank. Contact: Kathryn Jovanelli, (207) 561-3350

Newspaper Reports on Memorial Service for Serviceman

15 Jun 2012

The [Bangor Daily News reported](#) that the body of Capt. John "Jay" Brainard III of Newport, a 2008 UMaine graduate who was killed last month in Afghanistan, was to arrive Thursday morning in Bangor and be transported to Newport for a memorial service. Brainard was a political science major and he earned the rank of U.S. Army lieutenant through UMaine's ROTC program. Contact: Jessica Bloch, (207) 581-3777

Report on State Education Commissioner's Remarks to Future Teachers

15 Jun 2012

The [Bangor Daily News reported](#) on comments made Wednesday by Maine Education Commissioner Stephen Bowen who met on campus with UMaine education students. Speaking about new directions in teaching that Maine's future and working teachers should consider as they go forward in their careers, Bowen told the UMaine students, who are in an intensive one-year master of arts in teaching program, that educators should base student advancement on performance and mastery of materials rather than traditional age-based protocols. Contact: George Manlove, (207) 581-3756

Brewer Interviewed for Post-Election Analyses

15 Jun 2012

University of Maine political science professor Mark Brewer was interviewed by the [Kennebec Journal](#) about the amount of money spent in the primary campaigns for Maine's open U.S. Senate seat. Brewer said money was less of a factor for the Democrats because none of the four candidates bought expensive TV spots. Comments from Brewer were included in a [Bangor Daily News](#) Congressional primary voting results, in which Maine Senate Majority Leader Jon Courtney narrowly beat political newcomer Patrick Calder, the Portland Republican City Committee chair, for the chance to take on incumbent Democrat Chellie Pingree. Brewer said trying to unseat Pingree would be an uphill battle for either candidate. Contact: George Manlove, (207) 581-3756

Technology Research Center Opens in Old Town

27 Jun 2012

The University of Maine's new Technology Research Center (TRC), which will connect private industry with UMaine researchers in the Forest Bioproducts Research Institute (FBRI) in order to validate, demonstrate and help commercialize developing fuel, chemical and advanced material technologies from forest bioproducts at an industrially relevant scale, opened Monday, June 18 in Old Town, Maine. TRC serves as a one-stop shop for processing and

analysis of technologies. The 40,000-square-foot, high-bay facility, located on the grounds of Old Town Fuel & Fiber, features state-of-the-art process control and process information systems. "Today's opening is an exciting step forward for new technologies that have the potential to revitalize Maine's economy," said U.S. Rep. Mike Michaud, who was among the speakers during the morning ceremony in the TRC lobby. "That's what it's all about, revitalizing Maine's economy and finding new ways of doing things, and this center is going to be at the center of that. The research and production performed here not only have the potential to create new economic opportunities, but to help Mainers reduce our dependence on foreign oil, which has become extremely painful, particularly in Maine during the winter months." Many of the projects already in development in the lab and ready for pilot trials are the result of public-private partnerships, with investment from federal agencies such as the U.S. Department of Energy, U.S. Defense Logistics Agency and National Science Foundation, and collaboration with private companies, including Maine paper companies, land management companies and small entrepreneurial start-ups. "(This is a) remarkable partnership (among) the university, private industries, our municipalities, our federal and state delegation," University of Maine President Paul Ferguson said. "When they come together in this kind of public-private partnership, it can mean great things for Maine and great things for the nation." Other speakers during the ceremony were University of Maine System Chancellor James Page; John Wolanski, president of the UMaine-based Pulp and Paper Foundation; Steven Schley of the FBRI Advisory Board and president of Pingree Associates; Doug Ray, spokesperson and legislative liaison of the Maine Department of Economic and Community Development; and Susan MacKay, president of Cerahelix, which is one of several private companies eager to advance its work at TRC. FBRI was created in 2006 with a \$6.9 million research infrastructure improvement grant from the National Science Foundation's Experimental Program to Stimulate Competitive Research (NSF EPSCoR) and a 50 percent match (\$3.45 million) from UMaine through the Maine Economic Improvement Fund, the state's appropriation for university R&D, bringing the total investment to \$10.35 million. At the time, it was the largest NSF EPSCoR grant ever awarded to UMaine. The TRC facility and equipment were capitalized in 2009 with a \$4.8 million grant from the Maine Technology Asset Fund (MTAF). The TRC builds on the track record of the Pulp and Paper Process Development Center (PDC) established on campus in Jenness Hall in 1987. The TRC is UMaine's companion commitment to the emerging field of forest bioproducts, for the next 25 years and more. The TRC has the ability to handle any cellulosic feedstock, from forest residue to switchgrass to municipal solid waste. From those feedstocks, companies could experiment on dozens of bioproducts, including precursors for drop-in fuels such as gasoline, diesel and jet fuel; nanocellulose fibers and carbon fibers; and high-value industrial chemical byproducts and coproducts. The facility is capable of biomass size reduction and screening through physical processes; biomass pretreatment through chemical processes; extraction of sugars and fibers for pulping; fermentation, distillation, liquid-liquid extraction, and microfiltration to separate complex liquids; and biomass pelletizing. The FBRI analytical capabilities available to TRC include chemical and physical testing for pilot-scale campaigns, gas and liquid chromatography, atomic and molecular spectroscopy, wet chemical characterization, analytical method development, and in-process and final product material characterization. MacKay said the Orono-based Cerahelix, which has received R&D funding for a new filtration nanotechnology to make more efficient the ability to take sugars from biomass, is ready to scale up production and testing of its technology. "We have a process technology in hand and we've been able to leverage this for the R&D funds but what's really difficult for a company like ours is you can't do this type of processing in your garage," she said. "You need access to a facility and access to equipment you simply cannot have access to in a small start up. Partnering with the University of Maine has really enabled us to have access to the type of equipment which we can't afford on our own or build in a small laboratory up in Orono." For more information about FBRI, go to forestbioproducts.umaine.edu/. Prepared statements from Maine's Congressional delegation: "I am delighted to see the expansion of the University of Maine Forest Bioproducts Research Institute. I have worked hard to secure federal dollars for the important work that you have done to help bring Maine to the forefront in the development of forest-based bioproducts. This new Technology Research Center will enable you to expand and further your efforts to create jobs, build new businesses, and train future scientists. Your hard work and dedication to excellence are to be commended," U. S. Sen. Susan Collins said. "At a time when high energy costs continue to burden Maine families, today's grand opening of the Maine Forest Bioproducts Research Institute's new Technology Research Center signals a landmark day for research into utilizing Maine's forests for energy solutions. As the most heavily forested state in the United States, Maine has a tremendous asset that has powered our State for generations and this facility will continue to advance Maine's efforts to take advantage of this resource to expand our economy. Collaboration between researchers and the business community is critical in competing in a modern economy and I am encouraged that this University of Maine facility, through the generosity of Old Town Fuel and Fiber, will further expand our united effort to develop and commercialize products that will continue to power our forest products industry for a new generation," U.S. Sen. Olympia Snowe said. Contact: Hemant Pendse, (207) 949-1007 or pendse@maine.edu; Jessica Bloch, (207) 581-3777

or jessica.bloch@umit.maine.edu

Summer Music Theatre Festival Summer Productions

18 Jun 2012

UMaine's Summer Music Theatre Festival will present new productions of "Gilbert and Sullivan Musicale" and "Johnny Baseball" later this month and next, and in August, respectively. Both productions will be performed in Hauck Auditorium. "Gilbert and Sullivan Musicale" includes a complete performance of "Trial by Jury" and selections from Gilbert and Sullivan classics "The Mikado," "Pirates of Penzance," "The Gondoliers" and "H.M.S. Pinafore." The play will be held at 7:30 p.m. June 29-30 and 2 p.m. on July 1. "Johnny Baseball," which is based on author Richard Dresser's book, will be held at 7:30 p.m. Aug. 3-4, Aug. 10-11 and at 2 p.m. on Aug. 5 and Aug. 12. The pre-Broadway musical involves the circumstances related to the Curse of the Bambino and the Boston Red Sox's inability to win the World Series from 1918 to 2004. The UMaine School of Performing Arts website has details and ticket information. Contact: George Manlove, (207) 581-3756

Press Herald Features UMaine Work Boot Research

18 Jun 2012

The [Portland Press Herald](#) carried an article about a new line of industrial and firefighter work boots being manufactured by Falcon Performance Footwear of Auburn with research and development assistance from University of Maine researchers. The boots have a protective toe insert made from a fiberglass and resin composite developed and tested at UMaine's AMC and the Advanced Structures and Composites Center. Lighter, stronger and resistant to electricity and extreme temperatures, it can replace steel toe protection typically used in work boots, company president Carl Spang said. Contact: George Manlove, (207) 581-3756

Handley Discusses Healthy but Early Strawberry Crop

18 Jun 2012

University of Maine Cooperative Extension vegetable and small fruit specialist David Handley was interviewed for a Channel 6 (WCSH) report on this year's strawberry crop, which he said is healthy and early. Handley said locally grown strawberries have more flavor and nutrition because they are allowed to fully ripen before harvest, while berries grown elsewhere and trucked into Maine are picked before fully developed. Channel 7 (WVII) also carried a report. Contact: George Manlove, (207) 581-3756

Cathcart Comments in GOP Candidates Assessment

18 Jun 2012

Comments from former state senator Mary Cathcart, a senior policy associate at the University of Maine's Margaret Chase Smith Policy Center, were included in an Associated Press article appearing on the political news [website Real Clear Politics](#) assessing Maine Republican congressional candidates Charlie Summers, who won last week's Republican Senate primary, and Kevin Raye, who won the party's nomination to challenge U.S. House of Representatives 2nd District incumbent Mike Michaud. Both are moderate Republicans who have worked for retiring U.S. Senate Republican and political moderate Olympia Snowe. They will probably receive Snowe's support in November, Cathcart said, and it's also likely both Summers and Raye will beat out right-wing candidates in the fall general election. Contact: George Manlove, (207) 581-3756

Brewer in Press Herald, AP Primary Election Assessments

18 Jun 2012

University of Maine political scientist Mark Brewer was interviewed for a primary election assessment in the [Portland](#)

[Press Herald](#), which evaluated how campaign spending may have influenced voters. Brewer says the results showed that candidates that spent the most money didn't all benefit. He also was quoted in an Associated Press article posted on the [New England Cable News website](#) about how Democratic U.S. Senate primary election winner Cynthia Dill's views might play with independents and conservative voters in a statewide race in November. Brewer was interviewed for a third political analysis about Democratic general election candidate positions published by Maine Today Media newspapers, including the Portland Press Herald and [Morning Sentinel](#). Contact: George Manlove, (207) 581-3756

Martin Column Examines Oil Exports, Democracy

18 Jun 2012

A column by University of Maine journalism faculty member and Honors College preceptor Justin Martin about freedom of speech and of the press in countries with restricted democratic policies has been published on the [Columbia Journalism Review](#) website. Citing research by the Institute for Research on the International Economy, Martin wrote that countries that derive at least 40 percent of their revenue from the export of primary products such as oil also tend to have stymied democracies and limited freedom of the press. He mentions Saudi Arabia, Venezuela and Qatar as primary examples. Contact: George Manlove, (207) 581-3756

Barkan Receives National Awards for Textbooks

19 Jun 2012

University of Maine sociology professor Steve Barkan, who received a Text and Academic Authors Association (TAA) Textbook Excellence Award for his latest textbook, "Sociology, Understanding and Changing the Social World," at the association's annual conference recently in New Orleans, also received the TAA President's Award for his service to the association and for his record of textbook writing and scholarship. The association posted on its website an [interview with Barkan](#). Contact: George Manlove, (207) 581-3756

News Media Reports on Opening of UMaine Research Facility

19 Jun 2012

Multiple news organizations, including the [Bangor Daily News](#), Channel 6 (WCSH), Channel 5 (WABI), [Channel 7](#) (WVII) and [Mainebiz](#) reported on the opening Monday of the 40,000-square-foot Technology Research Center in Old Town to be used by the University of Maine Forest Bioproducts Research Institute. The facility will allow UMaine researchers to work with private industry to continue development, analysis and commercialization of new products and techniques that convert wood chips, grass and other biomass into useful materials like fuel and plastics. Speakers at the event included UMaine President Paul Ferguson, University of Maine System Chancellor James Page, U.S. Rep. Mike Michaud, and the research institute's director, Hemant Pendse, who also serves as the chair of UMaine's Department of Chemical and Biological Engineering. Contact: Jessica Bloch, (207) 581-3777

Researcher Noted in Huffington Post

19 Jun 2012

Ed Grew, a UMaine research professor in the Department of Earth Sciences, was mentioned in a [Huffington Post](#) blog about mineralogy and the field's contributions to the understanding of life. Grew, who according to the blog post is the world's expert on the minerals of the rare elements beryllium and boron, was asked about when beryllium minerals first appeared, what processes led to their diversification, and have any beryllium minerals become "extinct. Based on Grew's research, the blog's author concluded that the science of rocks and minerals is inextricably linked to biology. Contact: Jessica Bloch, (207) 581-3777

Franco-American Center in Legislative Task Force Session

19 Jun 2012

The [Lewiston Sun Journal](#) reported on a state legislative task force meeting with University of Maine [Franco-American Center](#) representatives today, June 19, in Augusta to discuss ways to promote and preserve Franco-American heritage in Maine. UMaine English professor and Franco-American Center senior faculty associate Tony Brinkley and center associate Jacob Albert were to make presentations on the demographics of Franco-Americans in Maine. Contact: George Manlove, (207) 581-3756

Student Wins Goldwater Scholarship

20 Jun 2012

Erin Victoria Carter, a University of Maine biochemistry and molecular/cellular biology major, has won a prestigious Barry M. Goldwater Scholarship. Carter's academic goal is to attain a Ph.D. in immunology or molecular biology and her career goal is to conduct AIDS or autoimmune disease research for a university or other research facility. She will be a senior this fall. A native of South Berwick, Maine, Carter submitted a paper entitled, "Revealing Hidden Receptors: Uncovering fundamental vertebrate mechanisms of immunity to candidiasis." The Goldwater Scholars were selected on the basis of academic merit from a field of 1,123 mathematics, science, and engineering students who were nominated by the faculties of colleges and universities nationwide. The one- and two-year scholarships will cover the cost of tuition, fees, books, and room and board up to a maximum of \$7,500 per year. The Scholarship Program honoring Senator Barry M. Goldwater was designed to foster and encourage outstanding students to pursue careers in the fields of mathematics, the natural sciences and engineering. The Goldwater Scholarship is the premier undergraduate award of its type in these fields. Contact: Jessica Bloch, (207) 581-3777

Lobster Institute Featured in New Book on Lobsters

20 Jun 2012

A new book, "The Lobster Book," by Virginia Wright and published by Down East magazine, includes a chapter devoted to the [Lobster Institute](#) at the University of Maine and mentions several lobster byproducts developed there. The author interviewed Lobster Institute Director Robert Bayer, who described research into such industry elements as lobster behavior, disease, regulation and alternative bait that the institute has done since its founding in 1980, in addition to more recently developed byproducts now commercially available such as biodegradable lobster shell golf balls and lobster-flavored dog "bisque-its." [The New York Times](#) reviewed the book recently. Contact: George Manlove, (207) 581-3756

Fried Discusses Voter Polling on Morning Radio

20 Jun 2012

University of Maine political scientist Amy Fried was a guest Tuesday on [The Pulse WZON-FM morning show](#), discussing new poll results for former Gov. Angus King, an independent candidate seeking the U.S. Senate seat being vacated by retiring Republican Olympia Snowe. Fried was also a guest on [Maine Public Broadcasting](#) Network's Maine Watch program recently, discussing Maine's primary election results with host Jennifer Rooks. Contact: George Manlove, (207) 581-3756

UMaine Lobster Institute Cited in Cooking Article

20 Jun 2012

A Pittsburgh Post-Gazette article on how to cook and serve lobsters, published in The [Republic in Indiana](#) referenced the University of Maine Lobster Institute in explaining that sounds emitted when the crustaceans are cooked are merely vapors escaping joints in the shells. Contact: George Manlove, (207) 581-3756

Hockey Championship Makes ESPN Top Stories List

20 Jun 2012

UMaine's 1993 NCAA hockey championship game was named Maine's top sports moment, according to an [ESPN The Magazine story](#) posted on the ESPN website. The Black Bears beat Lake Superior State 5-4 that year to capture the national title. Contact: Jessica Bloch, (207) 581-3777

Distraction From Negative Feelings Linked to Improved Problem Solving

20 Jun 2012

Brooding, or excessive rumination over negative feelings, is known to interfere with important problem-solving abilities, while immediate distraction from those feelings can increase problem-solving capacity, according to new research by a University of Maine Department of Psychology faculty member and a colleague. In the study, 51 participants watched a short movie clip that was intended to make them feel sad. Afterward, participants who immediately distracted themselves from the stressor were better able to move on in the pursuit of solutions, compared to the participants who engaged in rumination immediately after watching the clip. UMaine psychology professor K. Lira Yoon and Jutta Joorman of the University of Miami Department of Psychology found it is not the use of specific emotion regulation strategies, but rather the timing of strategies that is critical to decreasing sad moods and promoting effective problem solving. Yoon and Joorman published their results in an article, "Is Timing Everything? Sequential Effects of Rumination and Distraction on Interpersonal Problem Solving," in the June issue of the journal *Cognitive Therapy and Research*. "Regardless of whether participants further engaged in distraction or rumination, those who responded to the negative mood induction with immediate distraction generated more effective solutions to interpersonal problems compared to participants who responded to the negative mood induction with immediate rumination," the authors write in the article. "Rumination had no detrimental effects on problem solving (even) if the person initially engaged in distraction. An initial period of distraction, thus, seems to protect individuals from the detrimental effects of rumination on problem solving." The findings may provide further insight into the relation between rumination and depression, the authors say. Poor interpersonal problem solving can lead to higher levels of interpersonal stress, which may then increase risk for a depressive episode. Implications for treatments could include not only targeting problem-solving strategies directly -- an effective intervention when treating depression -- but to also help individuals engage in distraction in a timely manner. Contact: George Manlove, (207) 581-3756

UMaine Hosting National Poetry Foundation Conference

20 Jun 2012

The National Poetry Foundation, headquartered at UMaine since 1971, is welcoming nearly 150 writers and scholars from throughout the country and world for its 2012 conference "[The Poetry & Poetics of the 1980s](#)" June 27-30. Keynote poets are [Charles Bernstein](#), [Mei-meï Berssenbrugge](#), [Susan Howe](#) and [Nathaniel Mackey](#). Keynote speakers are [Kevin Killian](#) and [Marjorie Perloff](#). Registration opens on Wednesday, June 27, at Doris Twitchell Allen Village. Concurrent panels begin on Thursday, June 28, and will be held in Donald P. Corbett Business Building at 9 a.m., 11 a.m., and 2 p.m. on each day of the conference. Plenary panels are at 4 p.m. in DPC 100 and keynote readings and lectures are at 8 p.m. in Minsky Recital Hall, Class of 1944 Hall. Group readings follow at 10 p.m. in the Bodwell Lounge of the Collins Center for the Arts. Members of the UMaine and surrounding communities are invited to attend the free conference, which also will feature a small-press book fair. The internationally recognized National Poetry Foundation (NPF) was established in 1971 by UMaine English professor Carroll F. Terrell (1917-2003) as a center for Ezra Pound scholarship. Its mission was expanded by UMaine English professor Burton Hatlen, NPF director from 1990 until his death in 2008, to include the entire tradition of innovative poetry from modernism to the present day. The current editorial collective consists of UMaine faculty members Carla Billitteri, Steve Evans and Ben Friedlander. For more information, including an online version of the program and speaker biographies, check the [NPF blog](#) or contact English professor and acting director of the National Poetry Foundation Steven Evans at (207) 581-3818 or email steven.evans@maine.edu. Contact: George Manlove, (207) 581-3756

Celebrating Maine's Maritime Heritage

20 Jun 2012

The maritime heritage of Downeast Maine is being celebrated and illustrated at 45 locations in Hancock and Washington counties that are part of a new interpretive educational initiative. The Downeast Fisheries Trail, which will be officially launched Thursday, June 21 at Cobscook Bay State Park in Edmunds Township, recognizes the importance of fishing to Maine's coastal communities. According to the National Marine Fisheries Service, the proportion of Maine workers employed in commercial fishing industries is more than 10 times the national percentage. Nowhere is this more evident than in Hancock and Washington counties, in which more commercial fishermen are employed than the rest of the state, and which account for the majority of clams and lobsters landed in Maine. Many of these same fishermen also harvest elvers, alewives, smelt, crabs, herring, shrimp, scallops, urchins, worms and seaweed. Sea farmers raise Atlantic salmon, mussels and oysters; fish hatcheries in the region produce endangered sea-run salmon for restoration in Maine rivers. "The scale of changes facing fisheries in communities today is even greater than the decline of the sardine industry," says project coordinator Natalie Springuel, a member of Maine's Marine Extension Team, a collaboration between the University of Maine-based Maine Sea Grant and University of Maine Cooperative Extension. "Groundfish like cod were a major fishery up until the 1980s, but that fishery is now virtually nonexistent. As fisheries decline, these once-remote coastal communities face a loss of working waterfront. The rich fisheries heritage that defines this region and the quality of place that locals and visitors cherish is threatened on many fronts." Today's fishermen continue a centuries-long tradition of obtaining sustenance from the sea. Signs of this heritage abound, from fishing weir designs passed down from Wabanaki inhabitants, to the foundations of sardine canneries that once crowded the working waterfront, to fish houses, saltworks and the wooden vessels that sailed into Downeast harbors loaded with cod from the Grand Banks of Newfoundland. Downeast Fisheries Trail partners unveiled a new interpretive sign at the Cobscook Bay State Park public boat launch during a ribbon-cutting ceremony. Two additional new signs were installed at Morong Cove in Lubec and Shackford Head State Park in Eastport. The Downeast Fisheries Trail includes locations from the Penobscot Marine Museum in Searsport to Campobello International Park in New Brunswick, Canada. In between are museums and historical societies, conservation areas, views of active fishing harbors, and points of historic interest including former flake yards for drying fish, shacks for mending nets, fly-fishing pools and alewife runs. Partners in Washington County initiated the Down East Fisheries Trail in 2000. With support from the Maine Community Foundation and the Maine Office of Tourism, Maine Sea Grant worked with Sunrise County Economic Council, Down East and Acadia Regional Tourism, the Lobster Institute and others to expand the trail into Hancock County, with input from local communities. Maps, photographs, and descriptions of all the sites can be found online (DowneastFisheriesTrail.org). Printed maps of the trail can be obtained by calling Maine Sea Grant at (207) 581-1435 or umseagrant@maine.edu. Contact: Natalie Springuel, (207) 288-2944 ext. 5834; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

A Berry Good Time

20 Jun 2012

[Click here to to view A Berry Good Time video on YouTube.](#)

Grand Opening

20 Jun 2012

[Click here to view the Grand Opening video on YouTube.](#)

Health Website Carries UMaine 'Brooding' News Release

21 Jun 2012

The health website [MedicalXpress](#) posted a [University of Maine news release](#) about new research from the Department of Psychology establishing that immediate distraction after an event that triggers sad feelings can help a person with problem-solving skills, whereas excessive rumination about the event is linked to depression and diminished problem-solving capacity. Contact: George Manlove, (207) 581-3756

McKay Interviewed for STEM Conference Report

21 Jun 2012

[Channel 5 \(WABI\)](#) interviewed Susan McKay, a University of Maine physics professor and director of the Maine Center for Research in STEM education, for a story on a conference being held this week at UMaine about how educators can better engage young people in the study of STEM subject areas — science, technology, engineering and math. Contact: George Manlove, (207) 581-3756

TV News Reports Quote UMaine Lobster Institute

21 Jun 2012

[Austin, Texas television station KVEU](#), an ABC affiliate, and [FOX 2 Now in St. Louis](#) were among several national television news organizations to air a CNN News report on five rare orange lobsters caught recently in Maine waters. The reports cited research by the Lobster Institute at the University of Maine, which has said chances of catching a rare blue or an orange lobster — before being cooked — are 1 in a million, and that the chances of catching a yellow lobster is 1 in 30 million. An albino lobster? A 1 in 100 million chance, the report said. Contact: George Manlove, (207) 581-3756

UMaine Study Abroad Office a National Finalist

21 Jun 2012

[PRWeb](#) has posted a news release from the GoAbroad organization, which recently named the University of Maine's Study Abroad Office as one of five national finalists for an Innovation in Marketing Award for its "Celebration" radio show to promote studying abroad. The show airs Wednesdays from 4-5 p.m. on WMEB-FM 91.9. Contact: George Manlove, (207) 581-3756

UMaine Runner Conner Earns National Academic Award

22 Jun 2012

University of Maine women's cross country and track and field standout Corey Conner has been named to the Capital One/CoSIDA Women's Cross Country and Track Academic All-American second team. A senior nursing major from Townsend, Mass., Conner earned second team All-American honors this year after placing 16th in the 5,000-meter race at the 2012 NCAA Outdoor Track and Field Championships. She also won the 5,000 in record time at the America East Championships last month and took second in the 3,000 at the ECAC Championships. Off the track, Conner has earned numerous academic honors, which include being named to the 2011 CoSIDA Academic All-American Third Team and the 2011 University of Maine 'M' Club Dean Smith Award for UMaine's top male and female student athletes. She is also a gold medallion Maine Scholar-Athlete Award winner and has been named to the America East Commissioner's Academic Honor Roll. Conner is the only women's track and field athlete from the America East Conference to receive the Academic All-American honor this year. Contact: George Manlove, (207) 581-3756

TV News Covers Downeast Fisheries Trail Opening

22 Jun 2012

[Channel 5 \(WABI\)](#) and [Channel 7 \(WVII\)](#) reported on the opening Thursday of the 45-site Downeast Fisheries Trail in Hancock and Washington counties, an educational interpretive project designed to help visitors explore the Maine coast from Penobscot Bay to the Canadian border in more depth through the inclusion of museums, historical societies and other coastal highlights. Project coordinator Natalie Springuel, a member of Maine's Marine Extension Team, which is a collaboration between the University of Maine-based Maine Sea Grant and University of Maine Cooperative Extension, was interviewed for the Channel 5 report. Contact: Jessica Bloch, (207) 581-3777

Camire Comments in Agriculture, Conservation Hearing Reports

26 Jun 2012

Comments from University of Maine professor of food science and human nutrition Mary Ellen Camire were included in news reports by the [Bangor Daily News](#) and [Maine Public Broadcasting Network](#) on the hearing held Friday at UMaine on the proposed merger of the Maine Department of Agriculture and the Maine Conservation Commission into a new Maine Department of Agriculture, Conservation and Forestry. Camire said UMaine's food science program staff would be willing to assist if the new agency, proposed by Gov. Paul LePage, found itself short on related specialists.

Contact: George Manlove, (207) 581-3756

Brewer Comments in GOP 'Young Guns' Article

26 Jun 2012

University of Maine political scientist Mark Brewer was interviewed for a [Bangor Daily News article](#) about the recent elevation of Maine Republican congressional candidate Kevin Raye to higher status on the National Republican Congressional Committee's "Young Guns" list as he prepares a campaign against incumbent Mike Michaud, the 2nd District Democrat. Brewer said that while it's almost impossible to envision a Republican winning the 1st District seat against Democrat Chellie Pingree, Raye likely will give Michaud a hard fight in the 2nd District. Contact: George Manlove, (207) 581-3756

UMaine Offshore Wind Collaborator in News Report

26 Jun 2012

Channel 2 (WLBZ) aired a report about plans by Statoil of Norway for a series of public meetings starting this week to answer questions from residents about proposed offshore floating wind turbines. Statoil and the University of Maine's Advanced Structures and Composites Center have been collaborating on offshore wind research and experimentation. Statoil wants to have several demonstration turbines operating by 2016, according to the news report. Contact: George Manlove, (207) 581-3756

134 UMaine Athletes on American East Honor Roll

26 Jun 2012

The America East Conference has announced that the University of Maine had 134 of its winter and spring student-athletes named to the 2011-12 America East Honor Roll. Students had to earn grade-point averages of 3.0 or higher to receive the recognition. Out of those 134 student-athletes, 74 were named to the America East Commissioner's Honor Roll for completing the spring semester with a GPA of 3.50 or higher. UMaine ranked first among all America East softball teams as it had 14 student-athletes named to the honor roll. Contact: George Manlove, (207) 581-3756

Acadian Stewardship Internship Class Starting July 16

26 Jun 2012

Fourteen interns, about half of whom are international graduate and undergraduate students, will take part in the [2012 Acadian Internship Program in Regional Conservation and Stewardship course](#) July 16-Aug. 22. Based in Acadia National Park, the annual program is co-sponsored by the University of Maine, with participation from nearly 10 UMaine faculty and staff members and guest lecturers from a variety of ecological, environmental or conservation-oriented departments or programs. The course, coordinated by UMaine professor of forest policy Rob Lilieholm, offers three credits through the UMaine Summer University and includes field research sites across the Acadian region of Maine and New Brunswick, Canada. It deals with projects in land mapping, salmon preservation, marine research, large

landscape conservation training and service for the next generation of public, private and non-profit conservation leaders. Partners include the Schoodic Education and Resource Center (SERC Institute), the Quebec-Labrador Foundation and Acadia National Park, in addition to UMaine. Contact: Rob Lilieholm, (207) 581-2896

Science360 Posts UMaine Migratory Bird Video

26 Jun 2012

The [Science360 website](#) has posted a University of Maine research video featuring Rebecca Holberton, professor of biological sciences and a migratory bird expert, and several UMaine graduate students studying how climate change, land development and alternative energy initiatives may be affecting migration patterns of songbirds crossing the Gulf of Maine. The work is part of a collaboration known as the Northeast Regional Migration Monitoring Network. Contact: George Manlove, (207) 581-3756

Newspaper Interviews Student About Egypt Election Aftermath

26 Jun 2012

University of Maine School of Policy and International Affairs graduate student Ian Henderson of Hampden, who is currently serving a research internship in Cairo, Egypt, was interviewed by the [Bangor Daily News](#) about what he's been seeing firsthand as Egypt held its first democratic election last week. Henderson called the atmosphere over the weekend "electric" as crowds awaited the presidential election results. Henderson and other UMaine students serving research internships are [blogging](#) about their experiences. Contact: George Manlove, (207) 581-3756

Philosopher's Column Discusses Values, Money

26 Jun 2012

An opinion column in the [Bangor Daily News](#) by University of Maine professor of philosophy Michael Howard used analogies to characterize the needs and wants of the poor in the context of the economics principal of declining marginal utility. He discusses differences between items or experiences considered "pleasers" or "relievers," and the balance based upon context of what an individual already has. Contact: George Manlove, (207) 581-3756

Farley Op-Ed Defends STEM Schools

26 Jun 2012

An opinion column by University of Maine associate professor of computing and information science Jonathan Farley about the Baxter Academy for Technology and Science appeared in the [Portland Daily Sun newspaper](#). Farley, who is also a math consultant and a member of the advisory board for Baxter Academy, argued that schools specializing in science, technology, engineering and mathematics (STEM) curricula tend to produce the best and brightest math and science students, raise interest levels in math and science for many others, and do not do so at the expense of public schools. Contact: George Manlove, (207) 581-3756

National Endowment for Arts Posts UMaine Hudson Video Online

27 Jun 2012

A University of Maine [Hudson Museum](#) video of an interview with Passamaquoddy basketweaver Molly Neptune-Parker of Princeton, Maine, was posted on the National Endowment for the Arts website as part of an announcement that Neptune-Parker was named one of nine National Heritage Fellows. The video was created by the Maine Indian Basketmakers Alliance and the Hudson Museum with support from the Institute of Museum and Library Services. A fancy basket by Neptune-Parker and several by her grandson [George Neptune](#) are on display at the Hudson Museum. Contact: George Manlove, (207) 581-3756

Cooperative Extension Conducting Organic Milk Research

27 Jun 2012

Organic milk production has been one of the fastest-growing segments of organic agriculture in the U.S. in the last decade. Yet dairy farmers in the Northeast are facing particular challenges due to federal regulations regarding animal access to pasture lands and the regional volatility of milk prices. Richard Kersbergen, professor of sustainable dairy and forage systems in the University of Maine Cooperative Extension, is part of a \$2.9 million study looking at ways to help dairy farmers meet the demands of the organic milk market. "Organic milk was once a niche product but now is becoming a commodity," he says. "We want to improve the marketability of organic milk and create new markets for organic milk products." Kersbergen is one of 12 researchers involved in the four-year study, funded by the U.S. Department of Agriculture (USDA) National Institute of Food and Agriculture (NIFA). The principal investigators are based at the University of New Hampshire, with other researchers sited at UMaine, the University of Vermont, Cornell University and a USDA Agricultural Research Office at Penn State. For its portion of the research, UMaine is receiving \$271,601 from NIFA's Organic Research and Extension Initiative to address needs expressed by organic dairy farmers in a 2010 series of focus groups. Kersbergen says Maine organic milk producers have indicated they want to make sure their product is highly marketable and provides a reasonable return for their labor and management. UMaine's project as a whole looks at how to extend the pasture season and improve the quality of organic milk. Kersbergen is working with farms in the Maine towns of Charleston, New Vineyard and Pittsfield, which he visits every two weeks, to pursue the three aspects of his research. First, Kersbergen is collecting background data on pasture management, which is critical due to USDA organic farming regulations that require that ruminant animals graze for at least 120 days a year during the grazing season for their geographic region. In addition, the milking cows must obtain an average of 30 percent of their dry matter intake from pasture. "This is the first grazing season for the research and the first season in which farmers need to document how much feed is coming off the pasture every day," Kersbergen says. "We're taking pasture measurements every two weeks when we visit." He is also collecting data on the fatty acid composition of the milk being produced on the three farms. Milk with higher concentrations of "good" fatty acids could command higher prices at the market. Second, Kersbergen is looking at forages that could potentially change the fatty acid composition of milk. Research at University of Maine Experimental Station Rogers Farm in Old Town is examining a variety of perennial ryegrass cultivars to determine how perennial rye, if eaten by cows on pasture, could impact the fatty acid composition of milk. Third, in the last two years of the project, Kersbergen will monitor two herds of cows whose winter diet will be supplemented with whole flaxseed to determine the effect on fatty acid in milk. Recent trials in Pennsylvania and Vermont showed that a flax supplement changes fermentation and fatty acid composition of milk, and also reduces enteric greenhouse gas emissions, he says. The need for the research is particularly great in the Northeast, where Kersbergen says 44 percent of the nation's organic dairy farms are located and account for 25 percent of the total organic milk produced in the U.S. "As more and more farmers adopt organic agriculture practices, they need the best science available to operate profitable and successful organic farms," says Kathleen Merrigan, deputy secretary of the USDA, in a UNH news release. "America's brand of organic agricultural goods is world-renowned for its high quality and abundance of selection. These research and extension projects will give producers the tools and resources to produce quality organic food and boost farm income, boosting the 'Grown in America' brand." Contact: Richard Kersbergen, Richard.kersbergen@maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

MPBN Radio Reports on UMaine Trash Study

27 Jun 2012

The Maine [Public Broadcasting Network](#) interviewed University of Maine economics graduate student Travis Blackmer about research he and colleagues did last year through the School of Economics assessing the contents of household garbage samples throughout Maine, which revealed 60 percent of what was discarded could have been recycled or composted at substantial economic savings to municipalities and their residents. A [news release](#) also has details. Contact: George Manlove, (207) 581-3756

Ecologist Examining Loss of Native Bees

27 Jun 2012

University of Maine professor of insect ecology Frank Drummond has received \$3.3 million as part of a larger \$6.6 million grant-funded regional study of native bees, which are necessary and critical players in fruit and berry crop pollination in the Northeast. The four-state research project comes at a time when wild honey bee populations have all but disappeared and commercial honey bee populations are shrinking because of parasites, pesticides and landscapes that are insufficient to provide wild flower food resources such as pollen and nectar for the bees and their young, which can mean starvation of next year's bees. A consequence is that fruit and berry growers face increasing costs to rent beehives for crop pollination, when more native, wild bees could be relied upon, Drummond says. During the next five years, the collaborative project will construct a detailed assessment of the role of native bees in the pollination of low-bush blueberries in Maine, cranberries in Massachusetts, squash in Connecticut and apples in New York. In addition, ecological factors that enhance bee conservation will be another focus of the research, says Drummond, the principal investigator of the research being done with bees in Maine blueberry fields. The project will be among the most extensive of its kind in the U.S. Hive rental is one of the biggest and increasing costs for fruit growers, Drummond says. The project will determine ways to reduce dependence on commercial bees by relying more on native bees, which he says are a largely untapped resource, and also to create environments favorable to bees. "Native bees have been here since the melting of the glaciers and are a natural and permanent aspect of the landscape, but they are poorly understood," Drummond says. "With the uncertainty and loss of honey bees, the likelihood rises for continued price increases. Some growers already rely upon native bees but also supplement this natural pollination force with commercial bees. Some growers, however, are unaware of the value of native bees." Drummond, also a University of Maine Cooperative Extension entomology specialist, says researchers will provide insight into how to enhance environments for sustainable wild bee populations, along with recommendations on pesticide use or avoidance by growers to protect both wild and commercial honey bees, and bumble bees, which also assist in crop pollination. Sustainable environments can include landscaping modifications and management practices on farms and fields. Faculty researchers, with the assistance of UMaine graduate and undergraduate students, will conduct interviews and surveys to assess grower knowledge and perceptions that may influence the grower community's likelihood to adopt measures that will enhance pollination services, according to Drummond. By better understanding pollinator communities in each crop system, characterizing levels of pollination deficits across sites, crops and regions, and understanding how landscape and farm-scale factors can influence pollinator diversity, researchers can assemble an outreach plan, a "pollination toolbox," and grower workshops to enable growers to determine whether a pollination deficit exists, and if so, what to do about it. The U.S. Department of Agriculture is providing funding for the project, to be matched by several Northeastern states and grower organizations. The project involves UMaine and four other research institutions: University of Massachusetts, which is coordinating the research, Cornell University, the Connecticut Agricultural Experiment Station, and the University of Tennessee, which will maintain a research-based native bee website through eXtension, a national network of Cooperative Extension groups. In addition to Drummond, other University of Maine study participants include Cyndy Loftin, a spatial and landscape ecologist; Alison Dibble, a botanist and pollination ecologist; David Yarborough, a UMaine Extension professor and blueberry specialist; Aaron Hoshide, an economist; and Samuel Hanes, an anthropologist. In addition, Drummond says five graduate students and dozens of undergraduate research assistants at UMaine will be hired throughout the five-year project. Contact: Frank Drummond, (207) 581-2989; George Manlove, (207) 581-3756

Handley Interviewed for Press Herald Strawberries Feature

27 Jun 2012

University of Maine Cooperative Extension vegetable and small fruit specialist David Handley discussed this year's early strawberry season in a [Portland Press Herald feature article](#), which included recipes for cooking with strawberries. The article also noted a July 10 Cooperative Extension class in Falmouth on making, canning and freezing strawberry jam. Contact: George Manlove, (207) 581-3756

Lobster Institute Cited in Story on Rare Lobsters

27 Jun 2012

An article appearing in the [New York Daily News](#) about blue, calico and orange lobsters at a Portland lobster pound cited the University of Maine Lobster Institute, which has calculated the odds of finding a blue lobster as a 2-in-1-

million phenomenon and a calico lobster as a 1-in-30 million discovery. Contact: George Manlove, (207) 581-3756

World Affairs Through The Eyes of Interns

26 Jun 2012

Ian Henderson, a second-year [UMaine School of Policy and International Affairs](#) student from Hampden, Maine, who is pursuing a master's degree in global policy, wanted an international internship that would expose him to reform in the Arab world. He found one. Henderson secured an internship with the Ibn Khaldun Center in Cairo, Egypt, a non-governmental organization that focuses on and researches reform in the Arab world as it affects democracy, women's rights, and free and fair elections. Less than two weeks later, Henderson found himself watching an historic Egyptian political event in Tahrir Square. The square was the coalescence of Egyptian protests, then jubilant praise, from supporters of the Muslim Brotherhood, which was declared the winner of the country's recent presidential election. The election is being called the country's first democratic election. "(The internship) will allow me to look at Arab reform from a truly Arab perspective, which in and of itself will be a unique opportunity," he wrote in his first blog post on the [SPIA Abroad internship website](#). "I've gotten to see a calm-ish Cairo in the lead up to the run off elections this past weekend, and was able to talk to quite a few people on their thoughts, positive and negative, regarding the run off," he said in an email. "It has been a bit dicey since then, particularly since (June 19) when Tahrir Square filled again. I went down (to Tahrir Square later in the week). While I kept my distance, it was a mass of humanity; the shots on TV do it no justice." Henderson is one of eight SPIA graduate students engaged in and [blogging](#) about their summer internships in places as far away as East Timor, Egypt, Kenya and Chile and as close as Washington, D.C. and Rockland, Maine. Eight other students in the program either have already or will also participate in internships as a requirement of their degrees. The SPIA internship program is different from typical study abroad experiences in that its focus is on experiences that affect global policy, often with the agencies the students may ultimately work for later, according to SPIA's assistant director, retired U.S. Navy Capt. Jim Settele. The two-year, 33-credit hour interdisciplinary master's program offered through the UMaine Graduate School has three concentration options: International Environmental Policy; International Trade and Commerce; and International Security and U.S. Foreign Policy. Approved by University of Maine System Trustees in 2010, the program is attractive to students with international affairs or economics backgrounds, but any bachelor's degree is acceptable. Some 40 UMaine professors from multiple disciplines, including political science and economics, teach core and elective classes. "It's a small program with a lot of personal attention," says Settele, who advises the students. Settele calls the internships, which add both depth and realism to academic studies, life-changing. Muna Abdullahi, for example, is a second-year SPIA student from Somalia who is doing independent research on gender issues in the refugee camps along the Kenya-Somali border, where she herself has family and spent time as a young girl. She is working with several of the agencies that are helping refugees in the camps. "All the women here have their faces covered," [she blogged](#) on May 23, 2012. "I didn't find this unusual but I think it's important to note because sexual-based violence and the night raids are common. I believe that is too hot to have my face covered here. Although I would argue that it provides great protection against the heinous stench plaguing the air. It is very overwhelming being here because people are constantly walking towards me with their hands out, begging for money." Abdullahi hopes to work for one of the non-government humanitarian organizations in northeast Africa helping Somali women and children when she finishes her degree. "Muna is going to come back from this and she's going to be a different person," Settele says. "You can't come back from an experience like that and not be impacted in a significant way." The degree in global policy is a professional degree, usually leading to a job afterwards, rather than continued education. Upon acceptance in the program, students research possible internship opportunities with counsel from Settele or members of the SPIA advisory board, a well-connected group of international experts, including active or retired diplomats, business executives or U.S. ambassadors in Washington, D.C. or retired and living in Maine. Financial support from the Daniel and Betty Churchill Internship Fund, the Peter T. Madigan Internship Fund, and the Penelope S. Wolfe Fund assist with students' expenses during their internships. To ensure student safety, Settele and SPIA Director Mario Teisl consult with agencies or embassies with which the students are connected to be sure the students are looked after. "We're building some incredible relationships," Settele says. The program is "a tremendous example of how to pull in expertise, how to pull in benevolency, and pull in amazing people to extend your learning experience." Another student intern is Eric Bailey of Milo, who is at the Washington-based Potomac Institute's International Center for Terrorism studying antiterrorism measures for the 2012 Summer Olympics in London. He is working with one of the world's leading antiterrorism experts, professor and center director Yonah Alexander, studying the creation of the Taliban, the history al-Qa'ida leading up to the events of 9/11, and the history of terrorism in

Afghanistan. Kate Kirby of Orono is currently in East Timor with Mercy Corps examining aquaculture and assessing the potential impact of inland fisheries projects on increasing food security. Others are at the African Center for Strategic Studies at Fort McNair in Washington, D.C., a U.S. Department of Defense organization for strategic security studies, research and outreach in Africa; in Rockland working with the Island Institute as part of the UMaine-led DeepCwind Consortium; and in Santiago, Chile, working through the U.S. Embassy to see how trade between Chile and Maine might be increased. Settele says more than half of the students are from Maine and earned undergraduate degrees elsewhere but came to UMaine to pursue SPIA's Master of Arts in global policy. SPIA was created in 2007 to encourage collaboration among faculty and departments with interests in international affairs and global policy. SPIA collaborated with an independent, community-based speakers bureau, the Bangor Foreign Policy Forum, and sponsored its own lectures on campus. SPIA initiated its educational component in 2010 with its first cohort of five students, who graduated in May. SPIA will have 21 students in the fall. Contact: Jim Settele, (207) 581-1835

Bee Welfare

27 Jun 2012

[Click here to view the Bee Welfare video on YouTube.](#)

Food Safety

27 Jun 2012

[Click here to view the Food Safety video on YouTube.](#)

Graduate Student Wins Fellowship for Bird Migration Research

28 Jun 2012

Adrienne Leppold, a University of Maine Ph.D. candidate in the School of Biology and Ecology, has been awarded a Robert & Patricia Switzer Foundation fellowship for her work studying songbird migration in the Gulf of Maine. Leppold works with UMaine bird biologist Rebecca Holberton, who leads the Northeast Regional Migration Monitoring Network. More information about Leppold's contributions to Holberton's research is available in a Winter 2010 UMaine Today story. The fellowship provides a 1-year, \$15,000 cash award for graduate study as well as networking and leadership support. It is open to graduate students in New England and California. Fellowship applicants are evaluated based on their commitment to environmental problem-solving and their potential for creating positive environmental impact. Contact: Jessica Bloch, (207) 581-3777

UMaine Experts Available for Health Care Decision Analysis

28 Jun 2012

University of Maine Center on Aging Director Len Kaye is available to discuss how the outcome of the U.S. Supreme Court decision on the proposed repeal of President Barack Obama's Affordable Health Care Act may affect Americans, older Americans and baby boomers in particular. Kaye, in Bangor, is at (207) 262-7922 or len.kaye@umit.maine.edu. The decision also is likely to have consequences that affect the Obama re-election campaign and Republican Mitt Romney's presidential challenge. UMaine political scientist Mark Brewer is available to discuss potential political ramifications. Brewer, in Orono, is reachable by phone at (207) 581-1863 or email at mark.brewer@umit.maine.edu. Contact: George Manlove, (207) 581-3756.

MPBN Features New Engineering Program

28 Jun 2012

University of Maine College of Engineering Dean Dana Humphrey was interviewed Wednesday for a Maine Public Broadcasting report about UMaine's new Brunswick Engineering program at the former Brunswick Naval Air Station.

Humphrey said the hands-on program is designed to increase the number of engineering students in Maine. Humphrey observed that Maine is currently 49th in the country in per capita production of engineers, and improving that status will help the state's economy move forward. Contact: George Manlove, (207) 581-3756

Financial Aid Director Comments in Story on Student Debt

28 Jun 2012

Gianna Marrs, UMaine's interim director of student financial aid, was quoted in a [Portland Press Herald story](#) about a negotiations in Congress to freeze the interest rate for federal-backed student loans. There is a chance the interest rate could double, and Marrs said her office is working with students to make sure they fully understand their financing options. Contact: Jessica Bloch, (207) 581-3777

Food Science Professor Discusses Agriculture, Conservation Merger

28 Jun 2012

In a [Bangor Daily News article](#) about the merger of Maine's Agriculture and Conservation departments, UMaine professor of food science and nutrition Mary Ellen Camire commented that there may trial-and-error in the merger at first, followed by another reorganization. She also said she hopes food safety isn't overshadowed as a priority in a larger department. Contact: Jessica Bloch, (207) 581-3777

UMaine President Joins National Sustainability Steering Committee

29 Jun 2012

University of Maine President Paul Ferguson has been elected to serve a two-year term on the steering committee of the American College & University Presidents' Climate Commitment (ACUPCC). His term begins July 1. ACUPCC is a consortium of 677 colleges and universities committed to reducing carbon emissions and aggressively promoting energy efficiency. The 33-member steering committee is ACUPCC's chief governing body, responsible for guidance, policy and direction. The committee convened at the Annual ACUPCC Climate Leadership Summit, June 21-22 in Washington, D.C. The summit was designed to provide senior leadership at colleges and universities nationwide an opportunity to discuss how to achieve ACUPCC goals and promote sustainability on their campuses and throughout higher education. The ACUPCC also released its first five-year report at the summit As ACUPCC signatory schools, the colleges and universities pledge to conduct annual inventories of all greenhouse gas emissions; implement immediate “tangible actions” to reduce greenhouse gas emissions; develop a customized climate action plan to reach climate neutrality in operations; make sustainability a part of the educational experience for students; and to make periodic progress reports publicly available to facilitate and accelerate progress for fellow institutions and society. In 2011, UMaine was one of three winners of ACUPCC's Second [Nature's Leadership Award](#) in the doctorate degree-granting university category. The award recognizes the university's work, progress and commitment to creating a low-carbon future with UMaine constituents and the public. UMaine has a campus wide commitment among faculty, staff, administrators and students to the mission of the university's Sustainability Alliance. The alliance has been responsible for the [UMaine climate action plan](#) and the sustainability-focused [campus master plan](#). Other examples of UMaine's climate leadership include the creation of several new graduate programs that provide opportunities for UMaine students to become environmental leaders; an infusion of \$50 million from external sources to create solutions to Maine's environmental problems through the [Maine Sustainability Solutions Initiative](#); and research in climate change, offshore wind energy and forest biofuels. Contact: Margaret Nagle, (207) 581-3745

Kaye, Fried Comment on Healthcare Vote

29 Jun 2012

Channel 5 (WABI) [interviewed Len Kaye](#), director of the University of Maine Center on Aging, and UMaine political scientist Amy Fried Thursday for a report on the U.S. Supreme Court vote upholding the Affordable Care Act. Kaye praised the decision and Fried noted that the court's ruling also said states will not be required to expand Medicaid

programs. Contact: George Manlove, (207) 581-3756

Maritime News Cites UMaine Ocean Research Advancement

29 Jun 2012

The MarineLink.com website posted a photograph of UMaine School of Marine Sciences graduate student Jennifer McHenry along with a report about a new, technologically enhanced, remotely operated underwater vehicle McHenry and colleagues will use to broaden their abilities to study oceans and waterways. The article said UMaine's Darling Marine Center is home to world-renowned research and education. Contact: George Manlove, (207) 581-3756

Spring 2012 Deans List

02 Jul 2012

Recently the University of Maine recognized 2,026 students for achieving Deans List honors in the Spring 2012 semester. Of the students who made the Deans List, 1,728 are from Maine, 242 are from out of state, and 56 are from foreign countries. Listed below are students who received Deans List honors for the 2012 Spring Semester: *Please note that some students have requested that their information not be released; therefore, their names are not included.*

Last	First	City	State	Country
Abarno	David	Greenwood	ME	
Abbott	Samantha	Saco	ME	
Abrams	Molly	Cutler	ME	
Aceto	Lauren	Scarborough	ME	
Achey	Arron	Newmanstown	PA	
Achorn	Stephen	Naples	ME	
Ackerman	Russell	Searsmont	ME	
Ackerson	Nathan	Presque Isle	ME	
Adams	Amy	Eddington	ME	
Adams	Heather	Winterport	ME	
Adams	Tanner	Lewiston	ME	
Adarraga	Jorge	Orono	ME	
Affleck	Damien	Enfield	NH	
Afonso	Sergio	Hopedale	MA	
Aguilar	Luz	Hermon	ME	
Alabdulwahed	Ahmad	Dammam		Saudi Arabia
Albee	Christina	Waldoboro	ME	
Albert	Melissa	Madawaska	ME	
Albert	Sarah	Frenchville	ME	
Albert	Seth	Scarborough	ME	
Alberts	Kristen	South China	ME	
Aldrich	Jennifer	Upton	ME	

Alexander	Brianna	Bangor	ME	
Alghamdi	Ali	Jeddah		Saudi Arabia
Alghamdi	Mansour	Dammam		Saudi Arabia
Allen	Elizabeth	Bangor	ME	
Allen	Rebecca	Pittston	ME	
Alley	Cassandra	Glenburn	ME	
Alley	Rachel	Brewer	ME	
Amabile	Evan	Hollis Center	ME	
Amabile	Kara	Portland	ME	
Ambrose	Annette	Morrill	ME	
Anastasoff	Ashley	Scarborough	ME	
Anderson	Courtney	Greene	ME	
Anderson	Courtney	Manchester	ME	
Anderson	Dustin	Auburn	ME	
Anderson	Kaitlyn	Kennebunk	ME	
Anderson	Kali	Hampden	ME	
Anderson	Kristina	Old Town	ME	
Anderson	Neal	Ellsworth	ME	
Andreozzi	Samantha	Rockville	RI	
Andrews	Abigail	Boothbay Harbor	ME	
Angus	Michael	Eatontown	NJ	
Applegate	Elise	Lewiston	ME	
Arbo	Greg	Portland	ME	
Arbo	Timothy	Belfast	ME	
Arbour	Chelsea	Augusta	ME	
Arell	Michael	Bangor	ME	
Aripotch	Susan	Southwest Harbor	ME	
Armstrong	Caitlin	Stow	ME	
Armstrong	John	Pepperell	MA	
Arsenault	Michael	Milford	MA	
Arseneau	Justin	Bucksport	ME	
Ascanio	Samuel	South Portland	ME	
Ascheid	Sonja	Ailertchen		Germany
Attean	Thomas	Indian Island	ME	

Avakian	Grace	Gouldsboro	ME	China
Ayer	Marissa	Monmouth	ME	
Baard	Karin	Brunswick	ME	
Bai	Jinlun	Kunming		
Baier	Alexa	Hampton Falls	NH	
Bailey	Alexander	Gorham	ME	
Bailey	Amanda	Selkirk	NY	
Bailey	Ashley	Wiscasset	ME	
Bailey	Michael	Saco	ME	
Bailey	Ryan	Milo	ME	
Baillargeon	Stephen	Eliot	ME	
Baker	Cherith	Bangor	ME	
Balchunas	Elizabeth	Sebago	ME	
Baldacci	John	Holden	ME	
Bansmer	Katrina	Augusta	ME	
Baran	Adam	Kittery	ME	
Baranowski	Samantha	Stanhope	NJ	
Baron	Katie	Millinocket	ME	
Barra	Daniel	Wells	ME	
Barra	Veronika	Wells	ME	
Barry	Jean	Bangor	ME	
Bartlett	Emily	Bradley	ME	
Bartlett	Emily	Houlton	ME	
Bartlett	Lucas	Oakland	ME	
Bartos	Katherine	Greene	ME	
Bascom	Derek	Round Pond	ME	
Batchelder	Jennifer	Dover Foxcroft	ME	
Bateman	Ryan	Sterling	MA	
Bates	Adam	South Berwick	ME	
Beach	Jacob	Eliot	ME	
Beacham	Gwendolyn	Farmington	ME	
Beal	Elisha	Lisbon Falls	ME	
Beal	Irina	Swarthmore	PA	
Beaster	Mary	Warren	ME	
Beaucage	Krystal	Minot	ME	

Beauchemin	Marc	Saco	ME	
Beauchemin	Michelle	Saco	ME	
Beaudry	Bethany	Windsor	ME	
Beaulier	Abbigale	Berwick	ME	
Beaulieu	Matthew	Northport	ME	
Becker	Alexandrea	Hampden	ME	
Becker	Amy	North Berwick	ME	
Becker	Stephan	Poland	ME	
Beckwith	Sydney	Perham	ME	
Bedak	Maja	Portland	ME	
Begin	Joseph	Saco	ME	
Belanger	Danielle	Poland	ME	
Belanger	Tiffany	Lincoln	ME	
Belcher	Kasey	Winterport	ME	
Belka	Joshua	Orono	ME	
Belknap	Christina	Damariscotta	ME	
Bell	Mollie	Waterford	ME	
Bell-Colfer	Kyle	Farmingdale	ME	
Bellinger	Joshua	Bethel	ME	
Belliveau	Alexander	Kittery	ME	
Bemis	Barbara	Westfield	MA	
Benedix	Derek	Mexico	ME	
Benfatta	Dominic	South Portland	ME	
Bennett	Breana	Freedom	ME	
Benson	Edward	Mount Desert	ME	
Benson	Margaret	Brewer	ME	
Benton	Joadi	Eddington	ME	
Berenyi	Kali	Searsport	ME	
Berg	Richard	Bangor	ME	
Bergeron	Abigail	Hampden	ME	
Bergeron	Andrew	Augusta	ME	
Bergeron	Charles	Hampden	ME	
Bergin	Cynthia	Waite	ME	
Berkey	Zoe	Duncan	BC	Canada

Bernard	Olin	Milford	ME	
Bernardi	Lucas	Nobleboro	ME	
Bernhardt	Celina	Bangor	ME	
Berry	Courtney	Standish	ME	
Berta	Hannah	Rockport	ME	
Berube	Maxwell	South Portland	ME	
Berube	Teddy	Orono	ME	
Besse	Samantha	Glenburn	ME	
Bickford	Denise	Winterport	ME	
Bickford	Katherine	Cutler Bay	FL	
Bickford	Mary Kathlee	Belfast	ME	
Bickford	Robert	Milford	ME	
Bijman	Lisa	Brantford	ON	Canada
Billings	Ryan	West Paris	ME	
Bilodeau	John	Brunswick	ME	
Bilodeau	Peter	Greenville	ME	
Binette	Felicia	Auburn	ME	
Birckhead	Joseph	Ellsworth	ME	
Bird	Kendra	Bangor	ME	
Bird	Norah	Orono	ME	
Birdsall	Corey	Londonderry	NH	
Bizier	Esther	Livermore	ME	
Bizier	Thomas	Livermore	ME	
Black	Heather	Wayne	ME	
Blackford	Meghan	Wayland	MI	
Blackmer	Travis	Dedham	ME	
Blackwood	Emily	Auburn	ME	
Blais	Alden	Durham	ME	
Blais	Amanda	Lewiston	ME	
Blais	Miranda	Biddeford	ME	
Blakeman	Hannah	North Sutton	NH	
Blanchard	Vanessa	Carmel	ME	
Blank	Gretchen	Islesford	ME	
Blanton	Daniel	Stow	MA	
Bode	Danielle	Old Town	ME	

Bodmer	Hayley	Yarmouth	ME
Bodwell	Erik	Brunswick	ME
Bogner	Jaclyn	Westbrook	ME
Boissonneault	Cory	Biddeford	ME
Bolduc	Alicia	Norridgewock	ME
Bolduc	Eric	Dixfield	ME
Bolinger	Justin	Gorham	ME
Bolinger	Siobhan	Gorham	ME
Bolstridge	April	Dixmont	ME
Bolte	Ty	Des Moines	IA
Bond	Emily	Milford	ME
Bond	Jacqueline	Portsmouth	OH
Bondeson	Finn	Woodland	ME
Bonnell	Nicole	Winslow	ME
Bonnett	Rebecca	Bath	ME
Bonney	Megan	Bethel	ME
Bonsaint	Mara	Brunswick	ME
Borer	Mary	Mariaville	ME
Boroden	Jamie	East Islip	NY
Boros	Ottilia	Old Town	ME
Boss	Hannah	Hampden	ME
Bosse	Ryan	Milford	ME
Bossie	Meagan	Caribou	ME
Bossie	Tiffany	Houlton	ME
Bouchard	Bryan	Corinth	ME
Bouchard	Dylan	Greenville	ME
Bouchard	Nichole	Brewer	ME
Boucher	Mark	Madawaska	ME
Boulette	Ariel	Sabattus	ME
Bourey	Grace	Portland	ME
Bourque	Blake	Belgrade	ME
Bousquet	Julia	South Berwick	ME
Bousquet-Smith	Brian	Bowdoinham	ME
Boutin	Hannah	Freeport	ME

Boutin	Monique	York	ME	
Bowen	Duncan	Bar Harbor	ME	
Bowers	Brandi	Carmel	ME	
Bowman	Daniel	Winterport	ME	
Bowring	Shannon	Ashland	ME	
Boyce	Jill	Sanford	ME	
Bradford	Alex	Lakeville	ME	
Bradica	Meaghan	STONEY CREEK	ON	Canada
Bradley	Brandi	Scarborough	ME	
Bradley	Eben	Scarborough	ME	
Bradson	Julia	Orono	ME	
Brady	Christopher	Brewer	ME	
Bragdon	Jenna	Howland	ME	
Branson	Caleb	Dedham	ME	
Brassard	Richard	Monmouth	ME	
Breard	Jonathan	Bangor	ME	
Breau	Katherine	Freeport	ME	
Brenner	Shannon	Casco	ME	
Breton	Gretel	Greenville	ME	
Brewer	Addison	Bangor	ME	
Brewer	John	Greenville	ME	
Brickel	Amy	Hampden	ME	
Bridges	Meagan	Hermon	ME	
Brochu	Katie	Arundel	ME	
Brockington	Morgan	Saco	ME	
Broderick	Lauren	Lincoln	ME	
Brooker	Amy	Woolwich	ME	
Brooker	Courtney	Fort Fairfield	ME	
Brooker	Jamie	Bangor	ME	
Brooks	Kevin	Alfred	ME	
Brooks	Peter	Bremen	ME	
Brophy	Elizabeth	Winthrop	ME	
Brown	Adam	Milford	ME	
Brown	Barry	Milford	ME	
Brown	David	Kennebunk	ME	

Brown	Forrest	Bangor	ME
Brown	Helen	Lamoine	ME
Brown	Joshua	Biddeford	ME
Brown	Julia	Orono	ME
Brown	Kaylon	Freeport	ME
Brown	Lance	Bethel	ME
Brown	Meaghan	Vassalboro	ME
Brown	Michael	Old Town	ME
Brown	Nickolas	South Portland	ME
Brown	Parker	Houlton	ME
Brown	William	Topsham	ME
Brundage	Jonathan	Burlington	CT
Brunton	Mark	Brewer	ME
Bruton	William	Holden	ME
Bryant	Ashley	Monroe	ME
Bryant	Lanette	Dixfield	ME
Bryant	Nicholas	Bangor	ME
Buchak	Timothy	Lagrange	ME
Buck	Caleb	Mapleton	ME
Buck	Jordan	Brewer	ME
Buckingham	Tammy	Canaan	ME
Buckland	Abigail	Farmington	ME
Bucklin	Benjamin	Searsport	ME
Bullis	Katie	Eliot	ME
Bundy	Mariah	Bryant Pond	ME
Buotte	Taylor	Gorham	ME
Burbank	Morgan	York	ME
Burke	Kristen	Birch Harbor	ME
Burne	Courtney	Topsham	ME
Burnham	Carl	Greenbush	ME
Burns	Christopher	Winterport	ME
Burns	Jason	Augusta	ME
Burns	Margaret	Berwick	ME
Burns	Rachele	Gorham	ME

Buscemi	Daniel	Old Town	ME
Bussell	Lucas	Parkman	ME
Bussell	Mallory	Parkman	ME
Butak	Amanda	Orono	ME
Butler	Ashley	Sangerville	ME
Butler	Michael	Lincolnville	ME
Butler	Myles	Bangor	ME
Buttarazzi	Samantha	Arundel	ME
Butterfield	Nicole	Bangor	ME
Button	Paige	York	ME
Byrne	Daniel	Steep Falls	ME
Caddell	Alexander	Winterport	ME
Cain	Devin	Scarborough	ME
Calder	Brittney	Portland	ME
Callender	Terrell	Norcross	GA
Cambron	Hawk	Milford	ME
Cammack	Kimberly	Bucksport	ME
Campbell	Anne	Millinocket	ME
Campbell	Jordan	Holden	ME
Campbell	Katherine	Hampden	ME
Campbell	Laura	Saco	ME
Campbell	Matthew	Augusta	ME
Capowski	Rebecca	Skowhegan	ME
Capuano	Adriana	Bangor	ME
Caputo	Nina	Canaan	NH
Carfagno	Henry	Sangerville	ME
Carle	Peter	Big Lake Township	ME
Carlson	Benjamin	Gorham	NH
Carmichael	Erin	Wilson	NC
Carnahan	Neil	Winslow	ME
Carpenter	Justin	Winthrop	ME
Carrier	Melissa	Steep Falls	ME
Carrier	Tyler	Barre	VT
Carroll	Joseph	New Gloucester	ME
Carter	Claire	Vinalhaven	ME

Carter	Erin	South Berwick	ME	
Carter	Rachel	Richmond	ME	
Carver	Cassie	Lincoln	ME	
Carver	Debora	Old Town	ME	
Casavant	Brendan	Westbrook	ME	
Casey	Shawn	Veazie	ME	
Castiglia	Rachel	Eddington	ME	
Castiglia	Yolanda	Eddington	ME	
Cates	Morgan	Camden	ME	
Cavanaugh	Paul	Calais	ME	
Cawley	Christopher	Presque Isle	ME	
Cayer	Brigitte	Dover Foxcroft	ME	
Cerretani	Andrew	Pelham	NH	
Chadbourne	Brandy	Saco	ME	
Chadbourne	Jessica	Springvale	ME	
Chadbourne	Sarah	Bangor	ME	
Chaisson	Emma	Norfolk	MA	
Chalmers	Jennifer	Foxboro	MA	
Chaloult	Jennifer	Hermon	ME	
Chamberlain	Matthew	Hermon	ME	
Chamberlain	Whitney	Scarborough	ME	
Chaney	Amanda	Searsport	ME	
Chaney	Rachel	Falmouth	ME	
Chang	Lydia	Petaling	Jaya	SL Malaysia
Chapman	Jennifer	Troy	NY	
Chase	Billy	Hampden	ME	
Chase	Brittney	Lincoln	ME	
Chase	Christopher	Lebanon	ME	
Chase	Rachel	Warren	ME	
Chasse	Alexander	Waterville	ME	
Chasse	Suzanne	Kenduskeag	ME	
Chauvette	Alyssa	Westbrook	ME	
Chavaree	Catherine	Bangor	ME	
Chenard	Kathryn	Rochester	NY	

Cheney	Sydney	Falmouth	ME
Chesley	Benjamin	Pittston	ME
Christian	Emma	Wakefield	RI
Church	Patrick	Lancaster	NH
Churchill	Ashley	Fort Fairfield	ME
Churchill	Julie	Fayette	ME
Cirrinone	Benjamin	Hampden	ME
Clark	Bayley	Winslow	ME
Clark	Jordan	Old Orchard Beach	ME
Clark	Shannon	South Portland	ME
Clemens	Bradley	Bar Harbor	ME
Clement	Jessi	Levant	ME
Clement	Katy	Berwick	ME
Clement	Kiley	Rumford	ME
Clifford	Julie	Bangor	ME
Clippert	Kristan	Berwick	ME
Cloutier	Catharine	Liberty	ME
Cloutier	Crystal-Lynn	Durham	ME
Cloutier	Nathen	Bowdoin	ME
Clyde	Martha	Tyne and Wear	United Kingdom
Cobb	Casey	Masardis	ME
Coburn	Karrie	Union	ME
Cocklin	Stevie	Orrington	ME
Coer	Brian	Madison	CT
Coffin	Chelsea	West Bath	ME
Cogley	Kathryn	West Gardiner	ME
Coleman	Tyler	Rockport	ME
Colfer	Emily	Manchester	ME
Collett	Blaise	Orono	ME
Collette	Gretchen	Milford	ME
Collins	Emily	Caribou	ME
Collins	Emily	West Gardiner	ME
Collins	Eric	Readfield	ME
Coltart	Samantha	Calais	ME
Conard	Elizabeth	Randolph Center	VT

Conklin	Shelby	Saco	ME
Conley	Ashley	Surry	ME
Conley	Thomas	Winthrop	ME
Conner	Benjamin	Steep Falls	ME
Conner	Corey	West Townsend	MA
Connolly	Katelyn	South Berwick	ME
Connor	Courtney	Kittery	ME
Conroy	Kathleen	Kittery Point	ME
Cook	Charles	Needham	MA
Cook	Robert	Attleboro	MA
Cooke	Chelsea	Nottingham	NH
Cookson	Brittany	Fairfield	ME
Cooper	Elizabeth	Abbot	ME
Cormier	Eliza	Rumford	ME
Cosgrove	Jeri	Bangor	ME
Costello	Jeffery	Orono	ME
Cota	Matthew	Gorham	ME
Cote	Erika	Brewer	ME
Cote	Joseph	Saco	ME
Cote	Julie	Waldoboro	ME
Cotier	Amanda	Boothbay	ME
Coulombe	Emily	Augusta	ME
Cousens	Jadrien	Newburgh	ME
Cousins	Abigail	Sedgwick	ME
Cowan	Horatio	Rockland	ME
Cowan	Rebecca	Orrington	ME
Cox	Derrick	Orono	ME
Cox	Rose	Bangor	ME
Cox	Sean	Bar Harbor	ME
Coyle	Ciaran	Lebanon	NH
Craig	Jennifer	Bucksport	ME
Crane	Ashley	Gorham	ME
Cripps	Lauren	Scarborough	ME
Crocker	Amanda	Charleston	ME

Crockett	Kaitlin	South Paris	ME	
Cromwell	Jackson	Westport Island	ME	
Cronin	Colby	Sanford	ME	
Cronin	Michael	Saco	ME	
Cronin	Nora	Madison	NH	
Crouse	Heidi	Milford	ME	
Croussette	Myriam	Baie-Comeau	QC	Canada
Cullen	Jennifer	Lewiston	ME	
Cullenberg	E Kelton	Chesterville	ME	
Cumming	Joanna	Manchester	ME	
Cummings	Sharon	Argyle Twp	ME	
Cunningham	Jonathan	Islesboro	ME	
Cunningham	Samantha	Orrington	ME	
Curit	Rachel	Otisfield	ME	
Curran	Mallory	Bangor	ME	
Currier	Jessica	Brewer	ME	
Curry	Ethan	Pittsfield	ME	
Curtis	Ashley	Old Town	ME	
Curtis	Jesse	Etna	ME	
Curtis	Kimberly	Winslow	ME	
Curtis-Bray	Nicole	Waldoboro	ME	
Cusson	Victoria	Auburn	ME	
Custeau	Eric	Gorham	ME	
Cyr	Destinee	Biddeford	ME	
Cyr	Joshua	Bangor	ME	
Cyr	Kelly	Dedham	ME	
Cyr	Madelene	Saint David	ME	
Cyr	Nathaniel	Millinocket	ME	
D'Alfonso	Cara	Falmouth	ME	
D'Andrea	Nicole	Gorham	ME	
Daigle	Devon	Lewiston	ME	
Daigle	Katrina	Glenburn	ME	
Daley	Lauren	Orrington	ME	
Damon	Troy	Brewer	ME	
Dandy	Michael	Old Town	ME	

Daniel	Aimee	Freeport	ME	
Dao	Kimberly	Biddeford	ME	
Dapice	Coralie	Brewer	ME	
Davidowicz	Paige	Jefferson	NH	
Davis	Brittany	Westbrook	ME	
Davis	Danielle	South Berwick	ME	
Davis	Elijah	Palmyra	ME	
Davis	Jessica	Dover Foxcroft	ME	
Davis	Jonathan	Collierville	TN	
Davis	Samantha	Holden	ME	
Davis	Samantha	Hampden	ME	
Day	Jacob	Stanhope	NJ	
DeBlois	Nicklaus	Sidney	ME	
DeFilipp	Dominique	Brewer	ME	
DeLisle	Allison	Rome	ME	
DeLong	Katelyn	Bangor	ME	
DeRaps	Kelsey	Bangor	ME	
DeRoche	Katie	Sanford	ME	
DeRocher	Nathan	Augusta	ME	
DeVaudreuil	Laura	Cumberland	ME	
DeVries	Nicholas	Delmar	NY	
DeWitt	Emily	Houlton	ME	
Deakin	Joshua	Medway	ME	
Dean	Chelsea	Seabrook	NH	
Deegan	Katherine	Kennebunk	ME	
Dehetre	April	Sanford	ME	
deNatale	Terri	Pittsfield	ME	
Denis	Corey	Waterville	ME	
DesRochers	Lisa	Hebron	ME	
Deschesne	Matthew	Brewer	ME	
Descoeurs	Josee	Orleans	ON	Canada
Desjardins	Lucas	Bangor	ME	
Desrosier	Joshua	Hebron	ME	
Detlefsen	Ashlyn	Norway	ME	

Detwiler	Elizabeth	Woolwich	ME	
Devers	Connor	North Attleboro	MA	
Devoe	Nathaniel	Augusta	ME	
Dexter	Charles	Strong	ME	
Dexter	Melissa	Old Town	ME	
Dhuy	Allison	East Millinocket	ME	
DiBenedetti	Amanda	Washington	ME	
DiTomasso	Ashley	Wells	ME	
Dibie	Ogheneruona	Kaduna		Nigeria
Dibie	Oghenetega	Kaduna Kadua		Nigeria
Dickey	Amanda	Norridgewock	ME	
Diehl	Abigail	Gray	ME	
Dietsch	Meghan	South Berwick	ME	
Dill	Haley	Kennebunk	ME	
Dillon	Kelly	Newtown	PA	
Dillon	Kelsey	Scarborough	ME	
Dimick	Taylor	Falmouth	ME	
Dingley	Nickalaus	Lisbon	ME	
Dionne	John	Bangor	ME	
Dixit	Dilasha	Kathmandu		Nepal
Dixon	Daniel	Bangor	ME	
Dixon	Rebecca	Marlborough	MA	
Do	Anh	Hanoi		Viet Nam
Doe	Allison	Bowdoinham	ME	
Dong	Hong Yi	Paco		Philippines
Donohue	Kevin	Rochester	MN	
Donor	Ashley	Tolland	CT	
Donovan	Laura	Veazie	ME	
Dorman	Victoria	Caribou	ME	
Doucette	Allison	Bangor	ME	
Doughty	Desiree	Brewer	ME	
Dove	Deirdre	Brewer	ME	
Dove	Scott	Colorado Springs	CO	
Dow	Lindsay	Bangor	ME	
Downer	Tori	Cape Elizabeth	ME	

Downing	Justin	Palmyra	ME
Downing	Kimberly	North Berwick	ME
Doyle	Elyse	Gray	ME
Doyle	Kristen	Lowell	MA
Doyon	Kristopher	Westbrook	ME
Drew	Joshua	Houlton	ME
Drotar	Jesse	Lincolntonville	ME
Drouin	Katie	Mexico	ME
Drown	Jordan	South Portland	ME
DuBois	Jonathan	Westbrook	ME
DuBois	Philip	Sidney	ME
Dubois	Amanda	Auburn	ME
Dubois	Shannon	Bangor	ME
Duca	Kyle	Alton Bay	NH
Dudley	Bethany	Raymond	ME
Duff	Katelyn	Linneus	ME
Dufresne-Dixon	Marie	Auburn	ME
Dugal	Erin	Madawaska	ME
Dumas	Kristen	Saco	ME
Dumont	Felicia	Waterville	ME
Dumont	Joseph	Oakland	ME
Dunbar	Elizabeth	Southwest Harbor	ME
Dunn	Caroline	Auburn	ME
Dunn	Nathan	Berwick	ME
Dunphy	Megan	Pittsfield	ME
Dunton	Olivia	Dixmont	ME
Dupuis	Brandon	Winthrop	ME
Durkin	Jason	York	ME
Duym	Mariel	Trenton	ME
Duym	Olivia	Trenton	ME
Dwyer	Mark	Bangor	ME
Dziezyk	Stephanie	Southwest Harbor	ME
Earley	Justin	Portland	ME
Eaton	Ashley	Yarmouth	ME

Eaton	Kasey	Washington	ME	United Kingdom
Eaton	Layla	Sunset	ME	
Eaton	Sarah	Deer Isle	ME	
Eden	Sarah	Orono	ME	
Edwards	Charlotte	Shropshire		
Edwards	Kelly	Pownal	ME	
Eldean	Nora	Thompson	CT	
Eldridge	Kellie	Amston	CT	
Elkins	Anthony	Millinocket	ME	
Elkins	Anthony	Millinocket	ME	
Elliot	Autumn	Bangor	ME	
Elliot	Travis	Mount Vernon	ME	
Elliott	Megan	Brunswick	ME	
Elwell	Amber	Spruce Head	ME	
Elwell	Caleb	Hartland	ME	
Elwell	Molly	Hartland	ME	
Emery	Rachel	Milo	ME	
Emhart	Taylor	Vinalhaven	ME	
Engroff	Aaron	Baileyville	ME	
Ensworth	Steven	Searsport	ME	
Ericson	Carleton	Yarmouth	ME	
Ericson	Lucy	Yarmouth	ME	
Errico	Thomas	Kennebunk	ME	
Espling	Kristen	New Sweden	ME	
Estrup	Andrew	Kennebunk	ME	
Ettinger	Kyle	Camden	ME	
Evangelista	Tricia	Old Orchard Beach	ME	
Evans	Austin	Berwick	ME	
Evans	Brieana	Hermon	ME	
Eyster	Michelle	Sangerville	ME	
Fagan	Mary	Camden	ME	
Fagone	Michael	Portland	ME	
Fairbanks	Ashleigh	Levant	ME	
Fairfield	Benjamin	Westport Island	ME	
Faloon	Daniel	Medway	ME	

Farley	Ryan	Freeport	ME
Farnsworth	Brian	Topsham	ME
Farr	Allison	Cumberland Center	ME
Farrell	Elizabeth	Bangor	ME
Farrell	Kara-Beth	Lincoln	ME
Farrington	David	Jay	ME
Fatula	John	Bradley	ME
Faulkingham	Casey	Houlton	ME
Faulkingham	Lindsey	Belfast	ME
Fay	Laura	Falmouth	ME
Fearon	Gary	Old Town	ME
Feehan	Keri	Lunenburg	MA
Fellows	Ryan	Readfield	ME
Fereshetian	Allison	Turner	ME
Ferguson	Jennifer	Orono	ME
Ferm	William	Mount Desert	ME
Ferrucci	Ashley	Wiscasset	ME
Fici	Nicole	Bar Harbor	ME
Field	Magalloway	Stratton	ME
Fillion	Cameron	Lewiston	ME
Findlen	Paige	Presque Isle	ME
Finer	Matthew	Annandale	NJ
Finnemore	Jacob	York	ME
Fischer	Catherine	Brooklyn	NY
Fish	Amy	Mountville	PA
Fisher	Elizabeth	Winslow	ME
Fisher	Susannah	Old Town	ME
Fiske	Peter	Norwood	MA
Fiske	Victoria	East Millinocket	ME
Flanagan	Molly	Farmington	ME
Flanders	Lauren	Orono	ME
Flanders	Rebekah	Dover Foxcroft	ME
Flannery	Andrea	Pocasset	MA
Flegel	Brandon	Orrington	ME

Flora	Richard	Presque Isle	ME
Flournoy	Dennis	Waterville	ME
Flye	Amanda	Plymouth	ME
Flynn	Allison	Kittery Point	ME
Foehrenbach	Frances	Saco	ME
Fogarty	Brittany	Stacyville	ME
Fogel	Emily	Vienna	VA
Fogg	Kailey	Saco	ME
Fogg	Linda	Topsham	ME
Foley	Karen	Bangor	ME
Folger	Chelsea	South Berwick	ME
Folsom	Scott	Sanford	ME
Folsom	Shannon	Saco	ME
Foltz	Joseph	Bangor	ME
Ford	Blake	Princeton	ME
Ford	Christopher	Presque Isle	ME
Ford	Jameson	Falmouth	ME
Fortier-Brown	Patrick	Randolph	ME
Fortin	Christina	Hampden	ME
Fossa	Danielle	Waterville	ME
Foster	Ethan	Jefferson	ME
Foster	Katie	Hampden	ME
Foster	Rachael	Pownal	ME
Foster	Samuel	Saco	ME
Fournier	Nicholas	North Smithfield	RI
Frame	Taylor	Belgrade Lakes	ME
Francey	Dana	Bangor	ME
Francey	Taylor	Bangor	ME
Franklin	Kyle	Guilford	VT
Franklin	Leeah	Winterport	ME
Fraser	Emily	Brewer	ME
Frederick	Caleb	Sanford	ME
Freeman	Maxfield	North Yarmouth	ME
Frey	John	Topsham	ME
Friant	Emilie	Boothbay Harbor	ME

Fricks	Joseph	Brunswick	ME
Frisk	Thomas	Bangor	ME
Frizzell	Cormick	Colebrook	NH
Frost	Ethan	Bangor	ME
Frost	Sarah	Franklin	ME
Fulford	Patrick	Kennebunk	ME
Fuller	Matthew	Ashburnham	MA
Gagne	Donald	Sanford	ME
Gagne	Jordan	Goffstown	NH
Gagne	Kelly	Orono	ME
Gagnon	Alisha	Scarborough	ME
Gagnon	Megan	Madawaska	ME
Gagnon	Sarah	Durham	ME
Gallagher	Matthew	Scarborough	ME
Gallant	Cory	York	ME
Gallant	Justin	York	ME
Gallant	Nicolas	Presque Isle	ME
Galle	Nathan	Kittery	ME
Garcia	Alexandria	Acushnet	MA
Garcia	Rafael	Brewster	NY
Gard	Dylan	Houlton	ME
Gardiner	Paige	Waterville	ME
Gardner	Rianne	Lincoln	ME
Garfield	Jared	Windham	NH
Garrity	Carolyn	Trumbauersville	PA
Garrity	Jacqueline	West Newfield	ME
Gates	Brendan	Franklin	VT
Gaudreau	Jacob	Springvale	ME
Gauvin	Christopher	Brewer	ME
Gay	Jonathan	Deblois	ME
Gaylin	Joshua	Orono	ME
Geele	Chris	Waldoboro	ME
Geer	Moriah	Orono	ME
Gelinas	Robert	Orono	ME

Gelsinger	Emma	Northport	ME	Albania
Gendreau	Deejay	Madawaska	ME	
Geng	Siqi	Scarborough	ME	
Gennaro	Christopher	Saco	ME	
Georgia	Michelle	Orono	ME	
Geroux	Lindsey	Milford	ME	
Gibbons	James	Ogunquit	ME	
Gibson	Daniel	Fryeburg	ME	
Giffune	Danielle	Turner	ME	
Gilbert	Christine	Furlong	PA	
Gildert	Joshua	Wade	ME	
Gile	Kelli	Old Town	ME	
Gillies	Chelsea	Brewer	ME	
Gilman	Hannah	Old Town	ME	
Giroux	Marissa	Richmond	VT	
Givans	Vinson	Cambridge	MA	
Gjeta	Donald	Tirana		
Glann	Erin	Lewiston	ME	
Glaser	Victoria	Old Town	ME	
Glidden	Brooke	Palermo	ME	
Glidden	Eric	Marshfield	MA	
Glidden	Sarah	Yarmouth	ME	
Glunt	Rebekah	Old Town	ME	
Goff	Evans	Hulls Cove	ME	
Goggin	Jason	South China	ME	
Golden	Nicole	Bangor	ME	
Gongal	Dipesh	Somerville	MA	
Gongal	Prajesh	Orono	ME	
Good	Courtney	Houlton	ME	
Goode	Dorothy	Levant	ME	
Goodhue	Harrison	Waterville	ME	
Goodridge	Allison	Bowdoin	ME	
Goodwin	Kyle	Wells	ME	
Gordley-Smith	Ava	Belfast	ME	
Gordon-Magro	Ciara	Hampden	ME	

Gori	Lindsey	South Berwick	ME
Goulatis	Arianna	Portland	ME
Gould	Christopher	Hampden	ME
Gould	Whitney	Holden	ME
Goulet	Stephen	Presque Isle	ME
Graham	Elizabeth	Hampden	ME
Graham	Kelly	Merrimack	NH
Gramse	Stephanie	Falmouth	ME
Grant	Aaron	Bangor	ME
Grant	Brian	Gray	ME
Grant	Nicholas	Berwick	ME
Graunke	Scott	South Berwick	ME
Graves	Chase	Kennebunk	ME
Gray	Abbie	Orono	ME
Gray	Angela	Orono	ME
Gray	Erin	Bangor	ME
Greeley	Sean	Bowdoinham	ME
Green	Corben	Fort Fairfield	ME
Greenleaf	Amy	Lewiston	ME
Greer	Heather	Bowie	MD
Gregory	Austin	Charlotte	NC
Gribbin	Joseph	Windham	ME
Grieve	Dylan	Portland	ME
Griffin	Hannah	Bangor	ME
Grillo	Scott	Kennebunk	ME
Grime	Katy	Brownington	VT
Grindle	LeeAnn	Bucksport	ME
Gross	Jordan	Fairfax	VT
Grotton	Stephen	Union	ME
Grover	Melinda	Newburgh	ME
Guerino	Delaney	Durham	NH
Guillemette	Stephanie	Sanford	ME
Gulliver	Travis	South Portland	ME
Guo	Mengting	Orono	ME

Guptill	Jennifer	Vinalhaven	ME
Gurschick	Kalee	Bangor	ME
Gutow	Thomas	Castine	ME
Guzman-Ramirez	Silvestre	Levant	ME
Gwarjanski	Andrew	Poland	ME
Hackett	Ashten	Auburn	ME
Hackett	Brooke	Bangor	ME
Hadden Wyper	William	Philadelphia	PA
Hadley	James	Old Town	ME
Hadley	Justin	Corinth	ME
Hagelin	Kristina	Vernon	CT
Hagelin	Laura	South Portland	ME
Haggerty	Erin	Orono	ME
Hales	Daniel	Bar Harbor	ME
Hall	Ian	Monroe	ME
Hall	Patrick	Glenburn	ME
Hall	Ryan	Jefferson	ME
Haller	Taryn	Mystic	CT
Hallett	Abigail	Bangor	ME
Hallett	Audrey	Howland	ME
Halliday	William	Devonshire	Bermuda
Hallinan	Robert	Boothbay Harbor	ME
Halloran	John	Glenburn	ME
Hamami	Efrat	Lexington	MA
Hambrock	Kristina	Veazie	ME
Hamel	Blake	Monmouth	ME
Hamilton	Abraham	Whitefield	ME
Hamilton	Jesse	Woods Hole	MA
Hammond	Allison	Rangeley	ME
Hanc	Ryan	Thomaston	ME
Haney	Diana	Fairfield	ME
Haney	Marissa	Corinth	ME
Hanington	Brianna	Danforth	ME
Hanks	Rebecca	Orrington	ME
Hanley	Patrick	Rockland	ME

Hannigan	Ashley	Orono	ME
Hanscom	Hilary	Orono	ME
Hansen	Kaiya	South Portland	ME
Hanzl	Emma	Lebanon	ME
Hardiman	Ryan	Brookline	MA
Hardison	Mathew	Durham	ME
Hardy	Sean	Norway	ME
Harkins	Matthew	Bernard	ME
Harlan	Kathryn	Bucksport	ME
Harmon	Kaitlin	Greenville	ME
Harnais	Courtney	Old Town	ME
Harnden	Jodi	Wilton	ME
Harrigan	Ashley	Brewster	MA
Harriman	Alexandra	Brewer	ME
Harriman	Brandon	Topsfield	ME
Harriman	Lorna	Troy	ME
Harriman	Robert	Ellsworth	ME
Harris	Alendra	Auburn	ME
Hartin	Shelby	Crystal	ME
Hartwell	Kelly	Bangor	ME
Harvell	Joshua	Farmington	ME
Harvey	Brian	Wayland	MA
Harvey	Johanna	South China	ME
Harvey	Matthew	Fort Kent	ME
Harvey	Naja	Maple Plain	MN
Harvey	Nicholas	Corinth	ME
Hashinsky	Pamela	South China	ME
Hashmi	Nabeel	Veazie	ME
Haskell	Andrew	Brewer	ME
Haskell	Johanna	Bangor	ME
Hatch	Jessica	Brewer	ME
Hatch	Samuel	Litchfield	ME
Hatfield	Jordann	Jefferson	NH
Hathaway	Amber	Orono	ME

Hathaway	Amber	Orono	ME
Hathaway	Katie	Veazie	ME
Hathaway	Spencer	Turner	ME
Hatt	Maryssa	Dedham	ME
Hawes	Jennifer	Candia	NH
Hawkins	Tabatha	Norway	ME
Hayden	Anna	Brewer	ME
Heald	Lindsay	Litchfield	ME
Heath	Allison	Berwick	ME
Hedrich	Uriah	Presque Isle	ME
Hein	Katy	Holden	ME
Heinbaugh	Kayla	Hampden	ME
Helderman	Leo	Madison	ME
Helfen	Erin	Brewer	ME
Helsor	Logan	Lincoln	ME
Hendershot	Sara	Lewiston	ME
Henderson	Rachel	Hillsborough	NH
Hermansen	Kai	Old Town	ME
Hernandez	Marcy	Houlton	ME
Herrick	Robert	Topsham	ME
Herrick	Ryan	Bowdoin	ME
Hickey	Robert	Lee	ME
Hidu	Erica	Hampden	ME
Higgins	David	Cumberland Center	ME
Higgins	Elizabeth	Knox	ME
Higgins	Holly	Old Town	ME
Higgins	Marisa	Stockton Springs	ME
Hill	Catherine	Charlotte	VT
Hill	Matthew	London	United Kingdom
Hillman	Kate	Fairfield	ME
Hillyard	Sara	Ellsworth	ME
Hilt	Abigail	Warren	ME
Hilton	Margaret	Lyndonville	VT
Hinckley	Gardner	Jefferson	ME
Hinkle	Emily	Kittery	ME

Ho	Ronald	Westbrook	ME
Hobbs	Tricia	East Millinocket	ME
Hockridge	Cady	Bangor	ME
Hodgkin	Matthew	Winsted	CT
Hogan	Paige	Wallingford	CT
Holland	Douglas	Durham	ME
Holmes	Patricia	Eliot	ME
Honnell	Robert	Bradley	ME
Hood	David	Galloway	NJ
Hooke	Sterling	Salem Township	ME
Hoops	Jenna	Scarborough	ME
Hopper	Morganne	Hampden	ME
Horecka	Hannah	Benson	MN
Horgan	Katrina	Scarborough	ME
Horne	Molly	Holden	ME
Horton	Courtney	Newport	ME
Hotham	Corey	Mexico	ME
Howard	Matthew	Whitefield	ME
Howard	Nathan	Belfast	ME
Howard	Sarah	South Portland	ME
Howland	Caitlin	Falmouth	ME
Howson	Charlotte	Hampden	ME
Hoyt	Hillary	Frankfort	ME
Hrynick	Tobias	Benedicta	ME
Huff	Kristy	Burnham	ME
Hughes	Joshua	Glenburn	ME
Hunt	Katelyn	Medina	MN
Hunt	Mary	Bucksport	ME
Hunter	Aaron	Winslow	ME
Hunter	Kristen	Brunswick	ME
Hussey	Isabel	Northfield	MA
Huston	Cameron	Washburn	ME
Hutcherson	Megan	Portland	ME
Hutchins	Coby	Holden	ME

Hutchinson	Sean	Old Town	ME	
Huy	Daniel	Biddeford	ME	
Hwang	Hye Weon	Belfast	ME	
Hyatt	Krislyn	Topsham	ME	
Ibrahim	Said	Orono	ME	
Illingworth	Christopher	Holden	ME	
Ilves	Kaidi	Smithfield	ME	
Innes	Gregory	Sydney	NSW	Australia
Isherwood	Bayleigh	Portland	ME	
Jackson	Brian	Waterboro	ME	
Jackson	Megan	Old Town	ME	
Jackson	Ryan	Rockland	ME	
Jacobson	Shannon	Orono	ME	
Jacques	Katelyn	Lewiston	ME	
Jadallah	Lauren	Hampden	ME	
James	Aaron	Lancaster	MA	
Jamo	Kristina	East Millinocket	ME	
Jandreau	Jennifer	Newburgh	ME	
Janelle	Katja	Hermon	ME	
Jargowsky	Matthew	Sea Isle City	NJ	
Jellison	Tanna-Marie	Hampden	ME	
Jensen	Alexander	Granton	WI	
Jepson	Taylor	Woodland	ME	
Jewett	Keith	Fayette	ME	
Jin	Ziyao	Panjin	21	China
Jipson	Kelsey	Hancock	ME	
Johnson	Alexander	Mount Desert	ME	
Johnson	Benjamin	Yarmouth	ME	
Johnson	Brooke	Norridgewock	ME	
Johnson	Chelsea	Bucksport	ME	
Johnson	Joshua	Bangor	ME	
Johnson	Leigh	Yarmouth	ME	
Johnston	Michael	Scarborough	ME	
Johnston	Paul	Winslow	ME	
Jollotta	Kyle	Sanford	ME	

Jones	Abigail	Owls Head	ME	
Jones	Christopher	Biddeford	ME	
Jones	Ian	Canton	CT	
Jones	Joshua	Presque Isle	ME	
Jones	Katherine	Dover Foxcroft	ME	
Jones	Kayla	Freedom	ME	
Jones	Lauren	Falmouth	ME	
Jones	Nicholas	Bristol	ME	
Jones	Stefanie	Waterville	ME	
Jordan	Eve	Veazie	ME	
Jordan	Mira	Portland	ME	
Joy	Elizabeth	Waldo	ME	
Judd	James	Orrington	ME	
Jugovic	Iva	Leskovac		Republic of Serbia
Jurdak-Roy	Arielle	Winslow	ME	
Kahl	Jessica	Old Town	ME	
Kalar	Emily	Old Town	ME	
Kaluzny	Kayla	Calgary	AB	Canada
Kandiko	Lindsey	Madison	ME	
Kane	Hilary	Concord	NH	
Kane	Jacob	Hancock	ME	
Kang	Peter	Thorndike	ME	
Kashkooli	Kimia	Glenburn	ME	
Katz	Lara	Arlington	VA	
Kavin	David	Hampden	ME	
Kaye-Schiess	Jesse	Shapleigh	ME	
Keane	Alison	Brewer	ME	
Keane	Hannah	Missoula	MT	
Kearns	Brian	Eddington	ME	
Kearns	Helen	Belfast	ME	
Keating	Hannah	York	ME	
Keefe	Samuel	Ellsworth	ME	
Keefe	Sean	Sanford	ME	
Keene	Kylie	Old Town	ME	

Keller	Redyn	Orono	ME
Keller	Sarah	Mount Sinai	NY
Kelley	Scott	Calais	ME
Kelley	William	Pittston	ME
Kelly	Nellie	Boothbay	ME
Kelsey	Emily	Portland	ME
Kelson	MaryBeth	Turner	ME
Kendall	Lena	New Sharon	ME
Kenerson	Samantha	Levant	ME
Kenerson	Timothy	Levant	ME
Kennedy	Michael	South Portland	ME
Kennedy	Sean	Pemaquid	ME
Kenneway	Charlotte	Old Town	ME
Kenneway	Regina	Old Town	ME
Kenney	Nicole	Knox	ME
Kenniston	Shawn	Hampden	ME
Kent	Sarah	Eliot	ME
Kent	Thomas	Eliot	ME
Kevit	Elizabeth	Milwaukee	WI
Kezer	Justin	Orono	ME
Kieffer	Jacob	Saco	ME
Kiel	Carson	Bedford	NY
King	Emily	Westfield	MA
King	Kristina	Hampden	ME
King	Kristopher	South Portland	ME
King	Ryan	Bangor	ME
Kinney	Morgan	Bowdoin	ME
Kinney	Nathan	Phillips	ME
Kirk	Katelyn	Leeds	ME
Kirouac	Kristin	Augusta	ME
Kissinger	Christine	West Greenwich	RI
Kittridge	Amanda	North Yarmouth	ME
Kittridge	Jamie	North Yarmouth	ME
Knight	Myranda	Anson	ME
Knights	Kaleigh	Lincoln	ME

Knoblock	Christopher	Belmont	MA	Germany
Knowles	Julia	West Bath	ME	
Knowlton	Jay	Camden	ME	
Koehler	Matthew	Saco	ME	
Kolmar	Colin	Old Town	ME	
Krauss	Emily	Enfield	CT	
Kreuzberger	Melanie	Villingendorf		
Kreyssig	Stephannie	Littleton	ME	
Kubachka	Zoe	Bangor	ME	
Kuhn	Michael	Martinsville	NJ	
Kupferman	Caitlin	Knox	ME	
Kwiatek	Thomas	South Portland	ME	
Kwok	Samantha	Cape Neddick	ME	
LaBonty	Matthew	Scarborough	ME	
LaFlamme	Renee	Lincoln	ME	
LaFollette	Maryanne	Old Orchard Beach	ME	
LaJoie	Lindsay	Van Buren	ME	
LaRochelle	Julia	Winthrop	ME	
LaRose	Tara	Monson	ME	
Labanowski	Tamara	Scarborough	ME	
Labbe	Rachel	Winthrop	ME	
Labonte	Lonnie	Mexico	ME	
Labonte	Matthew	Lewiston	ME	
Labreck	Jesse	Winslow	ME	
Lachance	Cody	Winslow	ME	
Lachance	Lindsey	Waterville	ME	
Laffin	Nancy	Old Town	ME	
Laflamme	Stephen	Corinth	ME	
Lafortune	Herby	Somerville	MA	
Lailer	Zachary	South Portland	ME	
Lamarre	Alicia	Orono	ME	
Lamb	Ethan	Springvale	ME	
Lamb	Jordan	Shapleigh	ME	
Lambert	Mary	Eddington	ME	

Lambert	Paula	Winterport	ME
Lampert	Jacob	Brentwood	NH
Lamunyon	Katherine	Bangor	ME
Lancaster	Brooke	Richmond	ME
Landucci	Katherine	West Enfield	ME
Lane	Craig	York	ME
Lane	Kelley	Bar Harbor	ME
Lane	Shelbe	Patten	ME
Lang	Dennis	Hampden	ME
Lange	Stephanie	Brownfield	ME
Langlois	Lucien	New Vineyard	ME
Lanpher	John	Bowdoin	ME
Lathrop	Stuart	Windham	ME
Laverriere	Danielle	Saco	ME
Laverriere	Nicholas	Biddeford	ME
Lavin	Thomas	Waterville	ME
Lavoie	Emily	Carmel	ME
Lavoie	Mallory	Madawaska	ME
Lavoie	Samuel	Frenchville	ME
Lawrence	Dale	Hershey	PA
Lawrence	David	Bryant Pond	ME
Lawrence	Marion	Orrington	ME
LeBlond	Thomas	Lewiston	ME
LeDoux	Heather	Wauwatosa	WI
Leach	Jennifer	Bangor	ME
Leary	Patrick	Saco	ME
Leasure	Nancy	Scarborough	ME
Leatherbee	Adam	Scarborough	ME
Leavitt	Bethany	Newburgh	ME
Ledford	Joyce	Bangor	ME
Ledoux	Annie	Gorham	ME
Ledoux	Haylea	Bedford	NH
Lee	Alanna	East Waterboro	ME
Lee	Jonathan	Madawaska	ME
Leen	Emily	Bangor	ME

Leeuw	Thomas	Lincoln	VT	
Leger	Joshua	Lewiston	ME	
Leighton	Emily	Oakland	ME	
Lemay	Christopher	Orono	ME	
Leopold	Elliot	Wilton	ME	
Letteney	Karen	Old Town	ME	
Levesque	Brandon	Springvale	ME	
Levesque	Janelle	Newmarket	NH	
Lewis	Darien	Ellsworth	ME	
Lewis	Vincent	Caribou	ME	
Liao	Sha	Hancock	ME	
Libbey	Brittany	Lincoln	ME	
Libby	Kelsey	Hampden	ME	
Liberty	Desarai	Winslow	ME	
Lichtenberg	Eric	Lincoln	ME	
Lilieholm	Jennifer	Hampden	ME	
Lindbom	George	Cape Neddick	ME	
Lindemann	Matthew	Hampden	ME	
Linden	Carmen	Ottawa	ON	Canada
Lindsey	Dylan	Searsmont	ME	
Lindsey	Elizabeth	Mariaville	ME	
Linehan	David	Sharon	MA	
Lingo	Sarah	Old Town	ME	
Linnell	Jason	Bangor	ME	
Linscott	Joseph	Millinocket	ME	
Lipinski	Hallie	East Bridgewater	MA	
Lipton	Benjamin	Wells	ME	
Little	Joshua	Waterford	ME	
Littlefield	Tomas	Dayton	ME	
Littlehale	Stephanie	Rockport	ME	
Littman	Fai	Old Town	ME	
Liu	Yao	Panzhihua	51	China
Livingston	Amanda	Old Town	ME	
Lizotte	Craig	Skowhegan	ME	

Lizotte	Elisha	Grand Isle	ME	China
Lloyd	Emily	Orono	ME	
LoConte	Vincent	Winthrop	MA	
Lobozzo	Elizabeth	New Gloucester	ME	
Lockhart	Sarah	Cumberland	ME	
Lockman	Seth	Saco	ME	
Logue	Kathleen	Hampton	NH	
Long	William	Bangor	ME	
Look	Meghan	Old Town	ME	
Lopes	Bradford	Skowhegan	ME	
Lopes	Jessi	Skowhegan	ME	
Losi	Caitlin	Hyde Park	MA	
Love	Samantha	Bangor	ME	
Lovejoy	Emily	Old Town	ME	
Low	Christopher	Fairfield	ME	
Lowell	Alyson	Augusta	ME	
Luc	Raymond	Bangor	ME	
Luc	Richard	Bangor	ME	
Lucas	Michael	Auburn	ME	
Lucy	Chloe	Bangor	ME	
Lucy	Jennifer	Bangor	ME	
Ludden	Danielle	Unity	ME	
Ludington	Elise	Calais	ME	
Ludington	Martha	Calais	ME	
Lumbert	Mitchell	Jackman	ME	
Luo	Tian	Shenzhen	44	
Lussier	Ian	Owls Head	ME	
Luttrell	Jessica	South Thomaston	ME	
Lynch	Nicollette	Somerset	MA	
Lyon	Lisa	Bangor	ME	
Lyons	Katherine	Ellsworth	ME	
Lyons	Sara	Ellsworth	ME	
Lyons	Shannon	Cape Elizabeth	ME	
MacBride	Kristen	Hartford	ME	
MacDonald	Amanda	Cumberland	ME	

MacDonald	Jennifer	Surry	NH	Canada
MacDonald	Kendra	Wells	ME	
MacDonald	Rebecca	Eliot	ME	
Mackenzie	Jonathan	Peru	ME	
Maddocks-Wilbur	Justice	Ellsworth	ME	
Maddox	Audrey	Camden	ME	
Madeira	Rose	Bernard	ME	
Madigan	Elizabeth	Hampden	ME	
Madore	Noel	Turner	ME	
Mahan	Kayleigh	Milford	ME	
Maher	Nicole	Turner	ME	
Maheu	Renee	Dover Foxcroft	ME	
Mailhot	Kathryn	Sanford	ME	
Makela	Amber	Lyndeborough	NH	
Maker	Seth	Machiasport	ME	
Mako	Calvin	South Deerfield	MA	
Malcolm	Bethany	Kenduskeag	ME	
Malone	Maggie	Halifax	NS	
Mangiarelli	Michael	Warren	OH	
Manley	Joseph	Lewiston	ME	
Manning	Joshua	Orono	ME	
Marcellino	Jenna Mae	Palermo	ME	
Marchetti	Christopher	Falmouth	ME	
Marchini	Anne	Monroe	ME	
Marchini	Mary	Monroe	ME	
Marden	Nicole	Gray	ME	
Mardosa	Maisie	Bangor	ME	
Marescia	Christina	Windham	NH	
Marki	Marcel	Camden	ME	
Marley	Hannah	Harpswell	ME	
Marquis	Christopher	Bangor	ME	
Marro	Joseph	Buxton	ME	
Marro	Michelle	Grafton	MA	
Marshall	Brittney	Sabattus	ME	

Marshall	Dakota	Waterville	ME
Marshall	Lara	Calais	ME
Martell	Megan	Guilford	ME
Martin	Abigail	Northport	ME
Martin	Amanda	Standish	ME
Martin	Katrina	Easton	ME
Martin	Morgan	Searsmont	ME
Martin	Paige	Dover Foxcroft	ME
Martin	Samuel	Lewiston	ME
Martin	Stephanie	Morrill	ME
Martorano	Joseph	Calais	ME
Marzilli	Mikiko	Orono	ME
Maskay	Aman	Orono	Nepal
Maskay	Anin	Kathmandu	Nepal
Mason	Elsie	Owls Head	ME
Massey	Katelyn	Waterville	ME
Masury	John	Kittery Point	ME
Mathers	Lucas	Presque Isle	ME
Mathes	Samuel	Rome	ME
Mathiasson	Minna	Canaan	ME
Maurice	Gregory	Knox	ME
Mauthe	Jacob	East Lyme	CT
Maxim	Hilary	Old Town	ME
Maxwell	Alyssa	Hampden	ME
Maxwell	Victoria	Orono	ME
Mayhew	Benjamin	Hiram	ME
Mazur	Mackenzie	Northbridge	MA
McAuliffe	John	Saco	ME
McAuliffe	Kyle	Saco	ME
McAvoy	Matthew	Sherman	ME
McCarthy	Clifford	Orono	ME
McCarthy	Dora	Bangor	ME
McCloskey	Abby	Bangor	ME
McClure	Myra	North Haven	ME
McCluskey	Morgan	Bangor	ME

McCollough	Margaret	Hampden	ME
McCrea	Jacob	Orrington	ME
McCue	Joan	Old Town	ME
McCullum	Jonathan	Hallowell	ME
McCurry	Jaclyn	Biddeford	ME
McDaniels	Lucas	Skowhegan	ME
McDermith	Clark	North Berwick	ME
McDonnell	Mary	Kennebunkport	ME
McDougold	Taryn	Hampden	ME
McElwain	Spencer	Caribou	ME
McFadden	Kevin	Milford	CT
McFarland	Duncan	Ashland	ME
McGowan	Kenzie	Oakland	ME
McGrath	Kelsey	Bangor	ME
McGuire	Molly	Houlton	ME
McHugh	Kelsi	Corinth	ME
McIntyre	Alyssa	Newburgh	ME
McIntyre	Jessica	Burlington	ME
McKay	Anne	Chelsea	ME
McKeen	Lindsay	Gray	ME
McKenna	Meghan	York	ME
McKeown	Kate	Turner	ME
McKinney	Eileen	Auburn	ME
McKinnon	Meaghan	South Portland	ME
McKoy	Chad	Millinocket	ME
McLaughlin	Chelsea	Manchester	ME
McLaughlin	Jackson	Greenville	ME
McLaughlin	Katherine	Durham	ME
McLaughlin	Seth	Orono	ME
McLellan	Meryl	Winslow	ME
McLemore	Gerald	San Diego	CA
McLeod	Rachel	Bangor	ME
McMullen	Timothy	Hudson	NH
McNeill	Nathaniel	Milford	ME

McOscar	Lydia	Bangor	ME
McOscar	Thomas	Bangor	ME
McPhail	Katherine	Old Town	ME
Meagher	Morgan	Cape Neddick	ME
Meehan	Andrew	Brewer	ME
Melcher	Gregory	Jay	ME
Melhus	Benjamin	Potomac	MD
Mensah	Jemima	Milford	ME
Merchant	Amanda	Fairfield	VT
Mercier	Myles	Rumford	ME
Merk-Wynne	Taylor	Waterville	ME
Merrill	Cynthia	Ellsworth	ME
Merrill	Scott	Scarborough	ME
Merritt	Janette	Deer Isle	ME
Merrow	Thomas	Kennebunkport	ME
Meservey	Brittany	Hope	ME
Messerman	Nicole	Brunswick	ME
Messier	Ian	Topsham	ME
Meyer	Jillian	Sayville	NY
Michael	Olivia	Vassalboro	ME
Michaels	Parker	Veazie	ME
Michaud	Alex	Saint Agatha	ME
Michaud	Amy	Orono	ME
Michaud	Austin	Hampden	ME
Michaud	Brianna	Minot	ME
Michaud	Kaitlin	Millinocket	ME
Michaud	Todd	Fort Kent	ME
Middleswart	Casey	Bangor	ME
Migliore	Vincent	Old Town	ME
Mikell	Victoria	Waldoboro	ME
Miliano	Emily	Cornish	ME
Miller	Campbell	Rockport	ME
Miller	Jacob	Clinton	ME
Miller	Lindsey	North Yarmouth	ME
Miller	Megan	Turner	ME

Miller	Robert	Portland	ME
Miller	Samuel	Benton	ME
Miller	Sean	Winterport	ME
Millett	Alicia	Old Town	ME
Mills	Katherine	Oakland	ME
Mills	Laura	Dennysville	ME
Mini	Alexandra	Groveland	MA
Minte	Tierney	Scarborough	ME
Minutolo	Caitlin	Bar Harbor	ME
Minutolo	Serena	Bar Harbor	ME
Mitchell	Mikkayla	Gray	ME
Mitchell	Tiffany	Stonington	ME
Moag	Destin	Bothell	WA
Molinaro	Amelia	Dover Foxcroft	ME
Monaghan	Stephen	Cape Elizabeth	ME
Monroe	Anne	Orono	ME
Monroe	Sally	Boothbay	ME
Montgomery	Ashley	Old Town	ME
Moody	Connor	Bangor	ME
Moody	Krysten	Jefferson	ME
Moody	Renee	Lincolntonville	ME
Mooers	Dane	Glenburn	ME
Moore	Hannah	Kapolei	HI
Moore	Nicholas	North Berwick	ME
Moore	Zeraph	Bangor	ME
Moran	Christina	Portland	ME
Mores	Kassandra	Old Town	ME
Morgan	Cody	Exeter	ME
Morgan	Miriam	Old Town	ME
Moriarty	Ellen	North Berwick	ME
Moriarty	Kirsty	Holden	ME
Morin	Erica	Burlington	MA
Morin	Hillary	Brunswick	ME
Morin	Kelsey	Caribou	ME

Morissette	Jacob	Jackman	ME
Morneault	Gwyndolyn	Millinocket	ME
Morren	Justin	Cutler	ME
Morrill	Jennifer	Holden	ME
Morris	Michaela	Cumberland Center	ME
Morrison	Emma	South Berwick	ME
Morrison	Kristen	Windham	ME
Morrison	Kyle	North Yarmouth	ME
Morrow	Alex	Washburn	ME
Morton	Corey	Casco	ME
Moser	Leah	Orono	ME
Mosley	Randi	Ellsworth	ME
Moylan	Christopher	Yarmouth	ME
Moylan	Michelle	Yarmouth	ME
Moynihan	Owen	Nantucket	MA
Mullarkey	Patrick	Mendon	MA
Munson	Andrea	Lincoln	ME
Murchison	Cassandra	Bangor	ME
Murnane	Michelle	Searsport	ME
Murphy	Brittney	Southwest Harbor	ME
Murphy	Erin	Norway	ME
Murphy	Erin	Bethel	ME
Murphy	Katie	Southwest Harbor	ME
Murphy	Rory	Riverstick	Ireland
Murray	Sarah	Hollis	ME
Muzzy	Heather	Portland	ME
Myer	Keiko	Orono	ME
Myerowitz	Jordan	Holden	ME
Myers	Jason	Plantsville	CT
Nadeau	Brandon	Bradley	ME
Nadeau	Christopher	Caribou	ME
Nadeau	Evan	Brewer	ME
Nadeau	Ryan	Brewer	ME
Nadeau	Sara	Bangor	ME
Nadeau	Stephanie	Madawaska	ME

Nalivaika	Alison	Worcester	MA	
Nash	Alex	Palmyra	ME	
Nason	Danielle	Brewer	ME	
Nazar	Madeline	Readfield	ME	
NeCastro	Maria	Machias	ME	
Neal	Brittany	Palmyra	ME	
Nealey	Jillian	Northport	ME	
Nellis	Carolynne	Levis	QC	Canada
Nelson	James	Waterville	ME	
Nelson	Krista	Des Moines	IA	
Nelson	Libby	Holden	ME	
Nelson	Megan	Richmond	VT	
Nelson	Michael	Waterville	ME	
Nemec	Mark	Rouses Point	NY	
Neron	Michael	Harpswell	ME	
Nesbitt	Andrew	Glenburn	ME	
Nesin	Bourcard	Chester	ME	
Neslusan	Elizabeth	Bucksport	ME	
Newman	Zachary	Corinth	ME	
Newton	Kelly	Vancouver	BC	Canada
Ng	Laura	Baltimore	MD	
Nguyen	Huong Ly	Hanoi		Viet Nam
Nichols	Catherine	Brewer	ME	
Nichols	Sarah	Bangor	ME	
Nichols	Zachary	Winthrop	ME	
Nicke	Nadine	Glenburn	ME	
Nickerson	Jordan	Brewer	ME	
Nickerson	Marion	Stockton Springs	ME	
Nickerson	Meisha	Stillwater	ME	
Nicols	Sarah	Mexico	ME	
Niedt	Dustin	Waterville	ME	
Niles	Jessica	Pownal	ME	
Noble	Nicholas	Richmond	ME	
Nokes	Thomas	Dexter	ME	

Nolan	Kyle	Camden	ME
Noonan	Allison	Brewer	ME
North	Matthew	Bangor	ME
Norton	Pamela	Brewer	ME
Norvaisa	Audra	Sharon	MA
Norwood	Henry	Readfield	ME
Novak	Joseph	Holden	ME
Nutt	Jasper	Edgecomb	ME
O'Brien	Bailey	Gorham	ME
O'Brien	Cameron	Augusta	ME
O'Brien	Jillian	Buffalo	NY
O'Brien	Meghan	Portland	ME
O'Brien	Shane	Rockport	ME
O'Brien	Terrence	Danbury	CT
O'Donald	Joshua	Newburgh	ME
O'Donnell	Gregory	Hampden	ME
O'Leary	Michael	Norwich	VT
O'Meara	Chelsea	Farmington	CT
O'Neil	Cullen	Saint Albans	VT
O'Neill	Andrew	Glenburn	ME
O'Sullivan	Nora	Fairfield	CT
Obery	Anne	Topsham	ME
Obery	Jack	Topsham	ME
Olsen	James	Anchorage	AK
Oosten	Arielle	Kennebunk	ME
Oparowski	Stacia	Eliot	ME
Orr	Michael	West Bath	ME
Osgood	Leigh	Bangor	ME
Osman	Mahadi	Lewiston	ME
Ossanna	Elliot	Bar Harbor	ME
Ossinger	Kyle	Old Town	ME
Otto	William	Farmingville	NY
Ouellette	Alyssa	Fort Kent	ME
Ouellette	Elise	Frenchville	ME
Ouellette	Elizabeth	Saco	ME

Ouellette	Jill	Winthrop	ME	Nepal
Ouellette	Jonathan	New Sweden	ME	
Ouellette	Robin	Van Buren	ME	
Owens	Samantha	Gorham	ME	
Pacheco	Jamison	Winthrop	ME	
Pacheco	Sarah	Winthrop	ME	
Paiment	Shannon	Sanford	ME	
Palmer	Matthew	Gray	ME	
Pandey	Upasana	Kathmandu		
Pappas	Gregory	Wells	ME	
Pappas	James	Bucksport	ME	
Paprocki	Kristopher	Pembroke	ME	
Paradee	Rebecca	Gardiner	ME	
Paradis	Ashley	Bangor	ME	
Paradis	Chad	Old Town	ME	
Paradis	Evan	Old Town	ME	
Paradis	Samantha	Frenchville	ME	
Paradis-Reynold	Sylvia	Waterville	ME	
Paradise	Mattie	Wells	ME	
Parent	Christopher	Winterport	ME	
Parent	Jamie	Eagle Lake	ME	
Parenteau	Alexander	North Yarmouth	ME	
Parker	Allison	Bangor	ME	
Parker	Casey	Lewiston	ME	
Parker	Kasi	Danforth	ME	
Parker	Sarah	Saco	ME	
Parker	Valerie	Grand Isle	ME	
Parkhill	Nathaniel	Old Town	ME	
Parks	Matthew	Bangor	ME	
Parrinello	Frank	South China	ME	
Pastore	Alexandra	Scarborough	ME	
Patrie	Alicia	Hartford	ME	
Patten	Jalisa	Franklin	ME	
Paul	Chelsea	Veazie	ME	

Paul	Kayla	Veazie	ME
Paul	Sean	Farmington	ME
Paulette	Ashley	Brunswick	ME
Paylor	Timothy	Old Town	ME
Peachey	Blake	Augusta	ME
Pearson	Keith	Mariaville	ME
Peasley	Michael	Whiting	ME
Peer	Lauren	Ellsworth	ME
Pelkey	Mallory	Gorham	ME
Pelkey	Spencer	Millinocket	ME
Pellerin	Jamie	Scarborough	ME
Pelletier	Amber	Caribou	ME
Pelletier	Jonathon	Bucksport	ME
Pelletier	Megan	Brunswick	ME
Pelletier	Wesley	Topsham	ME
Pelto	Jillian	Jefferson	MA
Pendleton	Sara	Belfast	ME
Pepin	Rachael	Augusta	ME
Perez	Roberto	Orono	ME
Perreault	Kaitlynn	Biddeford	ME
Perruzzi	Courtney	South Portland	ME
Perry	Alexandra	Portland	ME
Perry	Erin	Milford	ME
Peterman	Eric	Mendon	MA
Peterson	Clayton	Gorham	ME
Peterson	George	Auburn	ME
Peterson	Nicholas	Orono	ME
Pew	Elek	East Andover	ME
Pfister	Noah	Camden	ME
Phan	Le Phi Vu	Ho Chi Minh	Viet Nam
Philbrick	Kelsey	Auburn	ME
Philbrook	Brian	Belfast	ME
Philbrook	Laura	Portland	ME
Phillips	Taylor	Brookfield	CT
Phinney	Christopher	Brewer	ME

Picard	Tyler	South Berwick	ME
Piccirillo	Andrew	Yarmouth	ME
Piccolo	Andrew	Scarborough	ME
Piccolo	Matthew	Scarborough	ME
Piche	Brittany	Lincoln	ME
Pierce	Hayley	Manchester	ME
Pierce	Mazie	Parsonsfield	ME
Pierce	Susan	Houlton	ME
Pike	Erin	Saco	ME
Pilecki	Dylan	Westfield	MA
Pillsbury	Hannah	Skowhegan	ME
Pinatti	Sarah	Willington	CT
Pinault	Alexandrine	Carrabassett Valley	ME
Pineau	Robert	Augusta	ME
Pinkham	Alex	Kittery Point	ME
Pinkham	Matthew	Sangerville	ME
Pirruccello	Laura	Turner	ME
Pittis	Jennifer	Bangor	ME
Plaisted	Christopher	Jonesboro	ME
Plaisted	Taylor	Hampden	ME
Plisova	Anna	Portland	ME
Plourde	Brandon	Caribou	ME
Plourde	Natali	Corinth	ME
Poirier	Ashlie	Milo	ME
Poirier	Jake	Buxton	ME
Poirier	Nicole	Hallowell	ME
Pomeroy	Benjamin	Cape Elizabeth	ME
Pond	Sarah	Hampden	ME
Poole	Andrew	Tariffville	CT
Poor	Peter	Andover	ME
Porter	Brian	Holden	ME
Porter	Kathryn	Bangor	ME
Porter	Rachel	Buxton	ME
Porter	Sarah	Presque Isle	ME

Porter	Zachary	Scarborough	ME	Nepal
Poston	Haley	Topsham	ME	
Potter	Tammy	Guilford	ME	
Pottle	Ryan	Old Town	ME	
Potvin	Jaime	Millinocket	ME	
Potvin	Jonathan	Fort Kent	ME	
Poudyal	Amulya	Kathmandu		
Poulin	John	Newport	ME	
Powell	Robert	Unity	ME	
Pranaitis	Eric	Charlton	MA	
Pratt	Danielle	Hampden	ME	Canada
Prendergast	Sara	Beverly	MA	
Prentiss	Samuel	Industry	ME	
Presby	Elise	Avon	ME	
Prescott	Jennifer	South China	ME	
Prescott	Morgan	South China	ME	
Price	Kody	Winslow	ME	
Price	Ryan	Kittery Point	ME	
Price-Leibenzed	Meagan	Surrey	BC	
Priestley	Alexis	Jonesport	ME	
Prince	Jhen-da	Berwick	ME	
Prince	Nicholas	Scarborough	ME	
Provencher	Hillary	Crawford	ME	
Prusaitis	Andrew	Bangor	ME	
Pszenny	Kimberly	Orono	ME	
Pugliano	Carolyn	Nashua	NH	
Puiia	Thomas	Rumford	ME	
Pullyard	Katie	Skowhegan	ME	
Purnell	Benton	Oakland	ME	
Putnam	Douglas	Sidney	ME	
Pye	Charles	Phippsburg	ME	
Quintilliani	Alexis	Fairfield	ME	
Radosti	Brett	Verona	NJ	
Rafalko-Zayir	Alexander	Corinna	ME	
Ragucci	Megan	Freeport	ME	

Rainaud	Maranda	Milford	ME	
Raines	Wesley	York	ME	
Ramirez	Katie	Portland	ME	
Ramos	Rafael	Orono	ME	
Ramp	Jacob	Old Town	ME	
Ramsdell	Gillian	Wells	ME	
Ranalli	Alise	Big Lake Township	ME	
Ranco	Nicholas	Stratton	ME	
Rancourt	Arielle	Bremen	ME	
Rand	Carrie	Stillwater	ME	
Randall	Jodi	Sebec	ME	
Ranger	Rachel	Hampden	ME	
Rankin	Michael	Manchester	ME	
Ray	Cameron	Belgrade	ME	
Raymond	Allison	Topsham	ME	
Raymond	Ashley	Saint Albans	ME	
Raymond	Karissa	Eagle Lake	ME	
Raymond	Matthew	Portage	ME	
Reagan	Christopher	York	PA	
Redfern	Ian	Ipswich	MA	
Reed	Brittany	Berwick	ME	
Reed	Caroline	Vassalboro	ME	
Reed	James	APO	AE	Germany
Reeves	Victoria	Glenburn	ME	
Reny	Alison	Yarmouth	ME	
Revello	Katherine	Portsmouth	RI	
Rexford	Brandon	Lancaster	NH	
Reynolds	Samuel	Ellsworth	ME	
Rice	Brent	Jersey City	NJ	
Rice	Brittany	Durham	ME	
Rice	Carol	Dedham	ME	
Rice	Donald	Brewer	ME	
Rice	Steven	Brewer	ME	
Rich	Jennifer	Bangor	ME	

Richards	Addie	Bangor	ME
Richards	Allison	Caribou	ME
Richards	Amanda	Strong	ME
Richards	Lindsay	Skowhegan	ME
Richards	Lucas	Cape Elizabeth	ME
Richardson	Haley	Eastport	ME
Richardson	Sara	China	ME
Richwalder	Matthew	Farmingdale	ME
Riemersma	Joel	Orono	ME
Rier	Conrad	Jay	ME
Rios	Jacqueline	Dallas	TX
Ritter	Zachary	Bangor	ME
Rivers	Kristy	Old Town	ME
Roach	Julie	Old Town	ME
Robbins	Courtney	Enfield	ME
Robbins	Nikole	Orono	ME
Robbins	Timothy	Scarborough	ME
Roberts	Peter	Wilton	ME
Robertson	Douglas	Benton	ME
Robertson	Sean	Presque Isle	ME
Robinson	John	Orono	ME
Roche	Bryan	Foxboro	MA
Rode	Sonia	Veazie	ME
Rogers	Andrew	Philadelphia	PA
Rogers	Daniel	Upton	MA
Rogers	Sara	Topsham	ME
Rogers	Timothy	Kittery	ME
Romatowski	Ashley	Phippsburg	ME
Ropiak	Michael	Millinocket	ME
Rosebeary	Kelsey	Poulsbo	WA
Ross	Ryan	Dedham	ME
Ross Becker	Alena	Montpelier	VT
Rosser	Caleb	Orono	ME
Rossignol	Ryan	Brewer	ME
Rounds	Alan	Hollis Center	ME

Rousseau	Kyle	Lewiston	ME	
Rovito	Erica	Bangor	ME	
Rowley	Nicholas	Monmouth	ME	
Roy	Billy	Frenchville	ME	
Roy	Briana	Holderness	NH	
Roy	Emma	Auburn	ME	
Roy	Jonathan	Frenchville	ME	
Roy	Samantha	Brunswick	ME	
Roy	Victoria	Hampden	ME	
Royal	Peter	Ellsworth	ME	
Rublee	Marissa	Glenburn	ME	
Rucci	Mark	Millinocket	ME	
Rugini	Marcelo	Mulitceno	RS	Brazil
Ruhl	Hannah	Lincoln	ME	
Runyambo	Daniella	Portland	ME	
Russell	Richie	Milo	ME	
Russell	Thomas	South Berwick	ME	
Rust	Spencer	Bantam	CT	
Ryan	Thomas	Cornwall	VT	
Rybka	Ryan	North Yarmouth	ME	
Ryle	Aoife	Portland	ME	
Sacco	Laurel	Lebanon	ME	
Said	Fartuna	Auburn	ME	
Saindon	Luke	Deer Isle	ME	
Salas	Sarah	Milton	VT	
Salvail	Whitney	Brunswick	ME	
Samuels	Kimberly	Sanford	ME	
Sanborn	Crystal	Lagrange	ME	
Sanborn	Jessica	Dresden	ME	
Sanborn	Terri-Lynn	Gray	ME	
Santariello	Andrea	Tolland	CT	
Santos	Tonya	Manchester	ME	
Sanzaro	Krystina	Holden	ME	
Sarol	Amanda	Greenville	ME	

Saunders	Hannah	Caribou	ME
Sawin	Jesse	Lovell	ME
Sawyer	William	Saco	ME
Scaccia	Matthew	Kittery	ME
Scaggs	Thomas	Bangor	ME
Scanlan	Mary	Pembroke	MA
Schaeffer	Daniel	Winterport	ME
Schaff	Courtney	Oakland	ME
Schanck	Emily	Pittsfield	ME
Schleifer	Amanda	Camden	DE
Schneider	Benjamin	Presque Isle	ME
Schneider	Connor	Bowdoinham	ME
Schneider	Kathryn	Presque Isle	ME
Schneider	Kayla	East Waterboro	ME
Schriefer	Hannah	York	ME
Schroeder	McKinley	Belfast	ME
Schwan	Susan	Belfast	ME
Schwicardi	Kelly	Dover Foxcroft	ME
Scofield	Sarah	Howland	ME
Scott	Charles	Dover Foxcroft	ME
Scott	Jessica	Hampden	ME
Scott	Lana	West Gardiner	ME
Scott	Nicole	Winthrop	ME
Scott	Whitney	Freeport	ME
Scrutchfield	Zachary	Portland	ME
Scully	Peter	Branchburg	NJ
Sease	Katharine	Cohasset	MA
Seekins	Sean	Glenburn	ME
Seeley	Taylor	Jonesboro	ME
Segee	Benjamin	Old Town	ME
Segee	Molly	Old Town	ME
Sell	Julia	Cushing	ME
Sementelli	Jenna	Fairfield	ME
Serbent	Christine	Waterville	ME
Serpico	Jared	Auburn	ME

Settele	Alexandra	Holden	ME	
Settle	Beverly	Searsmont	ME	
Sevigney	Katherine	Wells	ME	
Seymour	Carla	Detroit	ME	
Seymour	Kristyn	Randolph	ME	
Shaffer	Alex	Jackson	ME	
Shardlow	Brittany	Jay	ME	
Shaw	Bree-Anne	Glenburn	ME	
Shaw	Lucretia	Kenduskeag	ME	
Sheltra	Matthew	Hyde Park	VT	
Shepard	Clark	Yarmouth	ME	
Shepherd	Devin	Farmingdale	ME	
Shepherd	Michael	Hallowell	ME	
Sherman	Hunter	Winthrop	ME	
Shevchuk	Nataliya	Ternopil		Ukraine
Shimmel	Pamela	Old Town	ME	
Shina	Renee	Old Town	ME	
Shipley	Samuel	Santa Barbara	CA	
Shrestha	Riju	Kathmandu		Nepal
Sibley	Sean	Lincoln	ME	
Sicotte	Jacob	Lewiston	ME	
Silver	Andrew	Westbrook	ME	
Simard	Adam	Shelburne	NH	
Simmons	Lucas	Holden	ME	
Simonds	Laura	Brewer	ME	
Sinclair	Braden	Eddington	ME	
Sinclair	Joanna	Brewer	ME	
Singer	Amy	Old Town	ME	
Sirois	Bryant	Caribou	ME	
Sirois	Dylan	Farmingdale	ME	
Sirois	Liza	Lewiston	ME	
Sisk	Hilary	Hope	ME	
Skoczenski	Grace	Waterville	ME	
Slack	Samantha	Waldo	ME	

Slagger	Ashara	Kenduskeag	ME
Slocum	Benjamin	Castine	ME
Smart	Denise	Howland	ME
Smart	Jessica	Kennebunk	ME
Smith	Abigail	Falmouth	ME
Smith	Adam	Long Branch	NJ
Smith	Allison	Dexter	ME
Smith	Ashlynn	West Gardiner	ME
Smith	Carlena	York	ME
Smith	Cathrine	Old Town	ME
Smith	Cody	Dover-Foxcroft	ME
Smith	Gregory	Yarmouth	ME
Smith	Kathryn	Readfield	ME
Smith	Kathryn	Gorham	ME
Smith	Melissa	Lebanon	ME
Smith	Regina	Lewiston	ME
Smith	Seth	Bath	ME
Smith	Taylor	Hallowell	ME
Smith	Tessa	Barrington	NH
Smith	Valerie	Brunswick	ME
Snape	Erin	Enfield	ME
Snapp	Kelsey	Castine	ME
Snow	Candice	Milford	ME
Snow	Hannah	Orono	ME
Snyder	Clint	Old Town	ME
Sockalexis	Christopher	Winterport	ME
Soltys	Dean	Brewer	ME
Soucy	Ashley	Mapleton	ME
Souder	Kelly	Old Town	ME
Souder	Lon	Old Town	ME
Souliere	Kristyn	Saco	ME
Sousa	Alicia	Brooks	ME
Spatafora	Benjamin	Portland	ME
Spaulding	Jeffry	Orono	ME
Speaker	Gavin	Winterport	ME

Spear	Jennifer	York Beach	ME
Spies	Kate	Topsham	ME
Spoehr	Elizabeth	Appleton	WI
Sprague	Lowansa	Bangor	ME
Sprague	Pamela	Unity	ME
Sprowl	Eric	West Gardiner	ME
St John	Justin	Harrison	ME
St Michel	Katie	Old Town	ME
St Peter	Philip	Caribou	ME
St Peter	William	Orono	ME
St Pierre	Alex	East Poland	ME
St Pierre	Erica	Peru	ME
St Pierre	Katie	Rockland	ME
St Pierre	Michael	Hallowell	ME
Stadig	Ryan	Westborough	MA
Stairs	Robert	Orono	ME
Stambolis	Julia	Andover	ME
Stanhope	Kristin	Topsham	ME
Stanley	Iris	Walpole	ME
Stanley	Mary Elizabeth	Southwest Harbor	ME
Stanley-Kelley	Donna	Lubec	ME
Staples	Kyle	Caribou	ME
Staples	Viktoria	Brooklin	ME
Starks	Megan	Lewiston	ME
Stavros	Margaret	Freeport	ME
Stebbins	Brady	Biddeford	ME
Steele	Brian	Freeport	ME
Steltzer	Christina	Sanford	ME
Stephens	Corey	Bangor	ME
Stephens	Tyler	Saco	ME
Stetson	Ethan	Woodland	ME
Steven	Jamie	Bethel	ME
Stevens	Amelia	Fort Kent	ME
Stevens	Emily	Stetson	ME

Stevens	Jean	Albany	OR	Canada
Stevens	Jessica	Whitefield	ME	
Stevens	Matthew	Fairfield	ME	
Stevenson	Megan	Raymond	ME	
Stevenson	Willie	Bangor	ME	
Stewart	Holly	North Vancouver	BC	
Stewart	India	Verona Island	ME	
Stewart	Kimberly	Orono	ME	
Stewart	Nicholas	North Yarmouth	ME	
Stewlow	Allison	Sebago	ME	
Stocker	Carolyn	Westfield	MA	
Stoliker	Brent	Madawaska	ME	
Story	Kyle	Monroe	ME	
Stoudt	Jennifer	Gorham	ME	
Strand	Peter	Yarmouth	ME	
Strauch	Kurt	Lamoine	ME	
Streker	Amber	Lorton	VA	
Strout	Clacy	Bangor	ME	
Strout	Kara	Brooklin	ME	
Strubell	Emma	South Portland	ME	
Strusz	Amanda	Morrill	ME	
Stuart	Collin	Sanford	ME	
Stuart	Shannon	Standish	ME	
Stubbs	Josh	Caribou	ME	
Stuckey	Kevin	Milford	ME	
Sturgis-Bright	Helen	York	ME	
Sullivan	Brendan	Scarborough	ME	
Sullivan	Craig	Durham	ME	
Sullivan	Daniel	York	PA	
Sullivan	Sarah	Saco	ME	
Sundstedt	Anna	Middleton	WI	
Suomi-Roberts	Marie	Waldo	ME	
Swan	Christina	Kennebunkport	ME	
Swanson	Glenn	York	ME	
Sweeney	Benjamin	Old Town	ME	

Swerid	Jordan	Lac Du Bonnet	MB	Canada
Taber	Casey	Tenants Harbor	ME	
Tacka	Tess	Portland	ME	
Taheny	Kara	Glenburn	ME	
Talbot	Jessica	Pittsfield	ME	
Talbot	John	Belfast	ME	
Talbot	John	Belfast	ME	
Tanous	Taylor	East Millinocket	ME	
Tarbox	Lynn	Cape Elizabeth	ME	
Tardiff	Ryan	Gorham	ME	
Tata	Lauren	Pittsfield	ME	
Taylor	Jeffrey	Hermon	ME	
Taylor	Rebecca	Orono	ME	
Taylor	Samantha	Union	ME	
Taylor	Valerie	Greensboro	MD	
Teer	Olivia	Ferrisburgh	VT	
Tengeres	Jill	Millerstown	PA	
Tetu	Olivia	Brunswick	ME	
Thai	Kiet	Gorham	ME	
Thayer	Erika	Hermon	ME	
Theriault	Julie	Enfield	ME	
Thibeault	Craig	Lewiston	ME	
Thibeault	Kelly	Scarborough	ME	
Thomas	Luke	Orrington	ME	
Thompson	Dalton	Vassalboro	ME	
Thompson	Lisa	Indian Island	ME	
Thompson	Mikala	Medway	ME	
Thompson	Neil	Old Town	ME	
Thornton	Lindsay	Hampden	ME	
Thorpe	Micah	Skowhegan	ME	
Thurlow	Amanda	Burlington	ME	
Tibbetts	Clyde	Litchfield	ME	
Tibbetts	Dylan	Bar Harbor	ME	
Timberlake	Kristyn	Jay	ME	

Tinker	Janelle	Lubec	ME	Canada
Tinkler	Chloe	Wabush	NL	
Tobin	Sady	Paul Smiths	NY	
Tolbert	Andrea	Bangor	ME	
Tomes	Andrew	Camp Hill	PA	Czech Republic
Tomigova	Nikola	Smrzice		
Tompkins	Mykayla	Old Town	ME	
Toner	Brian	Orono	ME	
Toner	Samantha	Houlton	ME	
Tooker	Amy	Brunswick	ME	
Toomey	Laura	Foxboro	MA	
Toomey	Sheila	Holden	ME	
Torres	Rachael	Houlton	ME	
Toth	Brittany	Wells	ME	
Toth	Evan	Dunstable	MA	
Tourigny	Mary	Orono	ME	
Tourigny	Sarah	York	ME	
Tourtillotte	Lauren	Eddington	ME	
Tourville	Tylor	Manchester	ME	
Towle	Shannon	Orono	ME	
Tracy	Kevin	Warren	ME	Viet Nam
Tran	Dung	Dong Nai		
Tranchemontagne	Zachary	Sanford	ME	
Trask	Sydney	Easton	ME	
Trasko	Jordan	Bucksport	ME	
Travaglini	Cassandra	Pelham	NH	
Travis	Alyssa	Palermo	ME	
Treadwell	Setha	Madison	ME	
Tremblay	Ethan	Mariaville	ME	
Triebwasser	Ginger	Shelton	CT	
Trojecki	Daniel	Winterport	ME	
Trombley	Matthew	Woodland	ME	
Trott	Chelsea	Lincoln	ME	
Trundy	Ross	Addison	ME	
Trunfio	Derek	Billerica	MA	

Truong	Chi	Quang Ngai		Viet Nam
Tryzelaar	Sara	Greenbush	ME	
Tull	Elizabeth	Orono	ME	
Tulloch	Whitney	Gorham	ME	
Tungatarova	Auken	Almaty		Kazakhstan
Turcotte	Darlene	Dracut	MA	
Turcotte	Joshua	Bangor	ME	
Turner	Elizabeth	West Bridgewater	MA	
Tuttle	Susan	Cape Elizabeth	ME	
Twardochleb	Erin	Gaithersburg	MD	
Twomey	Nicholas	Scarborough	ME	
Tynes	Emily	New Gloucester	ME	
Updyke	Raymond	East Lyme	CT	
Vail	Hannah	Waldoboro	ME	
Vaillancourt	Kelly	Carmel	ME	
Vaillancourt	Patrick	Van Buren	ME	
Vainio	Jacob	Monson	ME	
Valente	Alicia	New Gloucester	ME	
Vallee	Alyssa	Augusta	ME	
Vallee	Jennifer	Turner	ME	
Valliere	Kayla	Leominster	MA	
Van Etten	Alex	South Berwick	ME	
VanGorder	Bethany	West Tremont	ME	
VanMaanen	Melissa	Brampton	ON	Canada
Vandegrift	Eva	Steuben	ME	
Varin-Tremblay	Camille	Saint Huber	QC	Canada
Varjabedian	Ani	Middleboro	MA	
Varney	Margaret	Turner	ME	
Vear	Keanna	Winslow	ME	
Vehr	Erik	Wellesley	MA	
Veilleux	Jasmine	Hermon	ME	
Veilleux	Sophie	Montville	ME	
Veilleux	Zachary	Fairfield	ME	
Veitch	Eric	Guilford	CT	

Velez	Andres	Old Town	ME
Ventucci	Justina	Bangor	ME
Ventura	Sierra	Old Town	ME
Verney	Johanna	Alna	ME
Verrill	Craig	Bangor	ME
Verville	Patrick	Portland	ME
Vetter	Andrew	Patten	ME
Vietze	Michael	New Gloucester	ME
Vigue	Rhiannon	Augusta	ME
Viola	Joseph	Scarborough	ME
Violette	Danielle	Bangor	ME
Violette	Grace	Waterville	ME
Vitale	Alyssa	Latham	NY
Vivian	Sabrina	Blue Hill	ME
Vose	Erin	Milford	ME
Wadsworth	Ariana	Thomaston	ME
Wagner	Chelsea	Orono	ME
Walczak	Danielle	Lee	NH
Waldman	Aaron	York	ME
Walker	Maura	West Bath	ME
Walker	Michael	South Paris	ME
Walker	Sydney	Naples	ME
Wallace	Leslie	Waldoboro	ME
Walters	Christopher	Stamford	CT
Walther	Kristen	Harwich	MA
Walton	Emily	Seal Harbor	ME
Walton	Isaac	Glenburn	ME
Ward	Bethany	Charleston	ME
Ward	Harry	Belfast	ME
Ward	Jacob	Hampden	ME
Ward	Kyle	Windham	NH
Warmuth	Spencer	Brewer	ME
Warr	Gareth	Stonington	ME
Waterman	Nicholas	Waldoboro	ME
Watson	Thomas	Brunswick	ME

Weaver	Nicole	Warren	ME
Webb	Mandi	Dedham	ME
Webster	Aubrey	South Berwick	ME
Wegner	Seth	Wilton	ME
Weisberger	Tyler	Jonesport	ME
Wendell	Daniel	Vassalboro	ME
West	Brittany	Durham	ME
West	Keri	Old Town	ME
West	Najlaa	Swanville	ME
Weymouth	Erika	Enfield	ME
Whalen	Brittany	Machias	ME
Wheatley	Sarah	Orland	ME
Wheeler	Emily	Newport	VT
Wheeler	Samantha	Derry	NH
Wheelock	Alexander	Gardiner	ME
White	Alexandra	Auburn	ME
White	Heather	Litchfield	ME
White	Meghan	Orono	ME
White	Molly	Brookton	ME
Whitney	Daniel	Topsham	ME
Whitney	Dwight	Machias	ME
Whitney	Joel	Bangor	ME
Whittier	Jeffrey	Camden	ME
Whynot	Dory	Durham	ME
Wilcox	Kelly	Warren	ME
Wilkinson	Rachel	South Portland	ME
Willey	Nicholas	Caribou	ME
Williams	Cary	Greenwich	CT
Williams	Megan	Manchester	ME
Williams	Sarah	Richmond	ME
Wilson	Andrew	Sidney	ME
Wilson	Emma	Greenville	ME
Wilson	Jennifer	Hampden	ME
Wilson	Kassie	Westbrook	ME

Wilson	Thomas	Springvale	ME	
Wing	Bradley	Skowhegan	ME	
Wingfield	Dylan	Brewer	ME	
Winningham	Drew	Hermon	ME	
Winstead	Sean	Lisbon Falls	ME	
Winters	James	Orono	ME	
Witherill	Jackson	Readfield	ME	
Wolfe	Brittany	Mashpee	MA	
Wolfe	Kristin	Rockport	ME	
Wong	Linda	Gorham	ME	
Wood	Samantha	Wells	ME	
Wood	Stephanie	Florence	NJ	
Woodcock	Eliza	Bangor	ME	
Woodcock	Katherine	Bangor	ME	
Woodruff	Hannah	Baileyville	ME	
Woods	Jessica	Farmingdale	ME	
Woods	Kristi	Farmingdale	ME	
Wormwood	Avery	Standish	ME	
Worster	Loyann	Bangor	ME	
Wortelboer	Kaitlin	Portland	ME	
Wright	Dana	Twin Falls	ID	
Wright	Ian	North Berwick	ME	
Wyman	Benjamin	Hampden	ME	
Wypyski	Kate	Bangor	ME	
Young	Aimee	Bedford	MA	
Young	Alec	Cushing	ME	
Young	Allison	Charleston	ME	
Young	Jacob	York	ME	
Young	Meaghan	Bar Harbor	ME	
Young	Molly	North Yarmouth	ME	
Yovino	Hannah	Tenants Harbor	ME	
Yum	Gregory	Buxton	ME	
Zabierek	James	Sherman	ME	
Zhang	Xinruo	GuiLin	45	China
Zito	Nandrea	Searsport	ME	

Mayewski Book to be Featured in San Francisco Gallery

03 Jul 2012

Photographs from the recent book coauthored by Paul Mayewski, the director of UMaine's Climate Change Institute, will be displayed July 6-28 in a San Francisco art gallery. The Canessa Gallery will show restored period photographs and other images from "Journey Into Climate: Adventure, The Golden Age of Climate Research, and the Unmasking of Human Innocence," which Mayewski wrote with Michael Morrison. A Scott tent, polar boots and a sextant used on expeditions will also be displayed. Morrison will visit the gallery for brief talks on July 7 and 28. For more information, go to canessa.org. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension Pasture Walk Set for July 10

03 Jul 2012

University of Maine Cooperative Extension and the University of New Hampshire will host a pasture walk from 10 a.m. to 2 p.m. on Tuesday, July 10, at Balfour Farm in Pittsfield. The event will include presentations about organic dairy farms, pasture intakes and dairy cow diets. The pasture walk is open to the public and lunch will be served to those who register before the event. Balfour Farm, owned by Heather and Doug Donahue, is one of three farms participating in a federally funded research project led in Maine by Richard Kersbergen, UMaine Extension professor of sustainable dairy and forage systems. Kersbergen and others involved in the \$2.9 million U.S. Department of Agriculture (USDA) National Institute of Food and Agriculture (NIFA) research grant are investigating ways to help dairy farmers meet the demands of the organic milk market. Kersbergen will discuss the project along with Andre Brito of the University of New Hampshire, where the research is based. Kersbergen will also moderate a session of other speakers, including Gary Anderson, a UMaine Extension animal and biosciences specialist, who will talk about testing services and learning opportunities for milk processors available through UMaine. Heather Donahue will speak about the rules and regulations of selling dairy products. Rachel Gilker of the Vermont Pasture Network and Pasture Program at the University of Vermont Center for Sustainable Agriculture will discuss estimating dry matter yields and intakes in pastures and general grazing management, as well as ideas around direct marketing of milk products. Measuring pasture intakes and monitoring dairy cow diets are important parts of record keeping on organic dairy farms. UNH graduate Amy Beliveau will present her master's thesis work, comparing the concentration of carotenes (precursors of Vitamin A) in cheese made from organic versus conventional Jersey cows. The Donahues have owned Balfour Farm, located at 461 Webb Road, for two years. They originally shipped milk to a wholesale market and now direct-market all their milk through a variety of farm products they produce on the farm. For more information about and directions to the farm, go to balfourfarmdairy.com. The pasture walk is funded by the USDA-NIFA-OREI planning grant No. 2010-01932. To register for the July 10 event, contact the University of Maine Cooperative Extension office in Waldo County, 1-800-278-1426 in Maine or 207-342-5971. Participants can also register online. For more information, please contact Rick Kersbergen at Richard.Kersbergen@maine.edu Contact: Rick Kersbergen, richard.kersbergen@maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Food Safety Specialist Offers Grilling, Picnic Advice

03 Jul 2012

With thousands of Maine residents and tourists preparing for Fourth of July grilling and picnicking, University of Maine Cooperative Extension food safety expert Jason Bolton in the UMaine Extension Bangor office is available to discuss food handling and cooking tips to keep food-borne illnesses at bay. Bolton also discusses food safety while camping or hiking in a [video](#) posted on the UMaine News website. He can be reached at 207-942-7396. Contact: George Manlove, (207) 581-3756

Media Outlets Cite UMaine Participation in Ocean Expedition

03 Jul 2012

The [BloombergBusinessweek website](#) carried an Associated Press article about UMaine researchers who are joining scientists from state agencies and nonprofits for five days at sea to map the ocean floor in an 800-square-mile, 300-foot-deep area, 15 miles off the Maine coast. The information is intended to aid in managing shipping, fishing, aquaculture and energy development. [Maine Public Broadcasting Network](#) also carried a report, as did the [Portland Press Herald](#). Contact: George Manlove, (207) 581-3756

Innovation Center Noted in Story on Tight Job Market

03 Jul 2012

Renee Kelly, director of economic development initiatives at the University of Maine and codirector of the Foster Center for Student Innovation, was interviewed for a [Portland Press Herald business article](#) about how the tight job market is forcing young entrepreneurs to be creative and flexible. Several UMaine graduates in the Portland area also were interviewed about their new businesses and credited the Foster Center for providing solid business advice and guidance. Contact: George Manlove, (207) 581-3756

AP Reports on UMaine Trash Analysis Project

03 Jul 2012

The [Kennebec Journal](#) carried an Associated Press article about a recently concluded University of Maine School of Economics research project assessing the contents of household trash discarded in 17 Maine communities to see what could be composted or recycled to reduce solid waste costs. The study found that as much as 60 percent of waste could have been diverted from the sampled waste stream. Contact: George Manlove, (207) 581-3756

Policy Center Noted in Fulbright Student Article

03 Jul 2012

UMaine's Margaret Chase Smith Policy Center was mentioned in a [Portland Press Herald article](#) about a Winslow woman who has received a Fulbright fellowship to study biochemistry and algae in Oslo, Norway. The student noted that her summer internship at the Maine Department of Environmental Protection was arranged through the Maine State Government Summer Internship Program, administered by the policy center. Contact: George Manlove, (207) 581-3756

Hunter in MPBN Discussion on Clues to Climate Change

05 Jul 2012

Malcolm Hunter, University of Maine professor of wildlife ecology, participated in a [Maine Public Broadcasting Company discussion](#) with host Keith Shortall and Andrew Whitman of the Manomet Center for Conservation Sciences about clues found in Maine's forests and ocean indicating nature's ways of accommodating changing climate. Some species of plants and animals move or disappear, while others move into areas previously not environmentally suitable for them, Hunter said. Contact: George Manlove, (207) 581-3756

News Media Cover Danes' Farms Tours

05 Jul 2012

Several news organizations, including Bangor TV stations Channel 2 (WLBZ), [Channel 7 \(WVII\)](#) and Channel 8 (WAGM) in Presque Isle, carried reports about 35 organic grain and dairy farmers from Denmark who this week are visiting several Maine farms as part of an international exchange organized by University of Maine Cooperative Extension sustainable agriculture specialist Ellen Mallory. Contact: George Manlove, (207) 581-3756

Military Jet Ski Report Notes UMaine Composites Research

05 Jul 2012

An article in the [Morning Sentinel](#) about the launch this week in Bath of a new military rescue and special operations watercraft that resembles a jet ski noted the vehicle designed for rough seas and breaking surf was built by Hodgdon Defense Composites in Bath, with composite research technology from the University of Maine. [The Bangor Daily News](#) also carried a report and video of U.S. Sen. Susan Collins taking a ride on one of the vessels. Contact: George Manlove, (207) 581-3756

Dill Comments in Garden Status Report

05 Jul 2012

University of Maine Cooperative Extension pest management specialist Jim Dill was interviewed by the [Morning Sentinel](#) for a gardening status update. The summer's extreme weather fluctuations have caused problems for some vegetable gardens, but Dill says hay is growing exceptionally well. The report also appeared in the [Portland Press Herald](#). Contact: George Manlove, (207) 581-3756

Ferguson Quoted in Bangor Daily News About Business Partnerships

19 Jun 2012

In a [Bangor Daily News](#) article about the Technology Research Center, University of Maine President Paul Ferguson was quoted as saying, "When they come together in this kind of public-private partnership, it can mean great things for Maine and great things for the nation."

Ferguson Mentioned in Chronicle of Higher Education

14 Jun 2012

University of Maine President Paul Ferguson was mentioned by The [Chronicle of Higher Education](#) in an article on the nation's research universities. The report made reference to EPSCoR's influence on Maine researchers.

Portland Press Herald Reports on \$7.9 M Donation to UMaine

12 Jun 2012

The [Portland Press Herald](#) reported on a \$7.9 million donation received by the University of Maine from the estate of 1958 graduate Thomas Homser.

Column Cites Gabe Economics Research

05 Jul 2012

Research by University of Maine School of Economics researcher Todd Gabe was cited in a column in [The Atlantic Cities](#), an affiliate of The Atlantic Monthly magazine. In the column, economist Richard Florida, author of "The Rise of the Creative Class," used Gabe's research findings about the so-called creative class to defend his theories about how local economies benefit from an influx of people working in creative or artistic fields. Florida wrote that Gabe found that the creative class is a distinct measure from educationally based human capital, and that the creative class adds considerable economic value on its own. Contact: George Manlove, (207) 581-3756

Report on UMaine Extension's Healthy Beaches Program

05 Jul 2012

The state Department of Environmental Protection's Maine Healthy Beaches program, administered by the University of Maine Cooperative Extension, was the subject of a [Bangor Daily News article](#) in which environmentalists complained that communities with beaches with unhealthful water quality often don't post public warnings. A DEP spokesperson said the program is a data-collection and assessment program only. Keri Lindberg, Maine Healthy Beaches coordinator with Cooperative Extension, said decisions about posting health advisories or temporary beach closures are up to local beach managers, and such decisions are more difficult than merely posting a warning when a test shows high bacteria levels. Contact: George Manlove, (207) 581-3756

Anne LePage to Visit Extension 4-H Military Kids Camp

05 Jul 2012

A [Bangor Daily News article](#) reported that Maine's first lady Anne LePage will visit military children from Maine at an Operation Military Kids (OMK) camp located in Gilead. OMK is a collaborative summer camp program of University of Maine Cooperative Extension, 4-H, military families and youth, veterans and others. OMK is designed to provide youth development programs for children and families disrupted by military conflicts and parents' deployments. Contact: George Manlove, (207) 581-3756

Discovery in the North Atlantic

05 Jul 2012

Scientists Discover Eddies Trigger Phytoplankton Blooms in the North Atlantic The spring phytoplankton bloom in the subpolar North Atlantic can begin up to 30 days earlier than previously thought as the result of eddies stratifying the near-surface waters, according to the results of a study reported today in the journal *Science* and announced by the National Science Foundation. The discovery has implications for the Gulf of Maine, which is fed by the waters of the North Atlantic and supports similar species. The study, part of the autonomous North Atlantic Bloom Experiment conducted in 2008, was led by Amala Mahadevan of Woods Hole Oceanographic Institution, Eric D'Asaro and Craig Lee of the University of Washington, and Mary Jane Perry of the University of Maine. Until this latest research, scientists using climate models understood that springtime warming of the ocean surface triggered the near-surface vertical density gradation, known as stratification. That stratification, which prevents vertical mixing of the phytoplankton, and the increased seasonal light exposure that occurs every spring were thought to be the primary prompts of the bloom. However, the research revealed that a different mechanism — eddies or small whirlpools of swirling seawater — also has the capacity to switch on the bloom and to allow the bloom to develop far earlier than the natural confluence of seasonal heat and light. The NSF-funded study, which involved continuous observations by robots and four research cruises of up to 21 days in the waters south of Iceland, was the first to put marine scientists in the North Atlantic to actually observe the entire progression of the spring bloom over a three-month period. Their observations, which included data collected by optical, chemical and physical sensors on four autonomous underwater Seagliders, a mixed-layer water-following float and the ship, when coupled with a three-dimensional biophysical model, resulted in their discovery of a previously unknown phenomenon — eddy-driven stratification that resulted in a patchy bloom beginning 20 to 30 days earlier than it would occur through seasonal warming. This new understanding of an underlying physical mechanism of the spring bloom will inform modeling by marine and climate scientists. The spring phytoplankton bloom in the North Atlantic is one of the major life-sustaining events on the planet. Phytoplankton are microscopic plants at the base of the marine food web that fuel the ecosystem. These photosynthetic organisms also help maintain the health of the atmosphere by absorbing and sequestering carbon dioxide. The North Atlantic is especially important because it is responsible for more than 20 percent of the entire ocean's uptake of carbon dioxide. "We now know that events, such as the spring bloom, make the difference in terms of what will happen in carbon flux," Perry says. "And because there is connectivity between the North Atlantic and the Gulf of Maine, with some of the northern water traveling to Maine, the North Atlantic is a harbinger of what may happen here." A team of 26 researchers from five countries was involved in the major North Atlantic research cruise in 2008. The researchers included physical and biological oceanographers with expertise in biology, chemistry and physics. Undergraduate and graduate students were onboard, including six from UMaine. "This experiment was an outstanding example of collaboration," says Perry, a biological oceanographer based at UMaine's Darling Marine Center. "One person would not have the expertise to do all

of this. Together, we were able to pull this project off and come up with this new insight, and many others.” To further collaboration efforts beyond the team, "big data" from the North Atlantic Bloom Experiment is now online and fully available in the Biological Chemical Oceanographic Data Management Office. Last summer, the research of the scientists involved in the North Atlantic Bloom Experiment was the focus of a webinar series offered by the Center for Ocean Sciences Education Excellence – Ocean Systems (COSEE-OS) — one of 12 such centers funded by the National Science Foundation. COSEE-OS, directed by Annette deCharon at UMaine’s Darling Marine Center, focuses on improving science literacy in the context of the ocean. The five weekly North Atlantic Bloom webinars, featuring Perry and six other scientists involved in the research, attracted 68 participants from 21 states, as well as from Canada, Iceland and Germany. More than half of the participants were educators. The archived materials from the webinars — transcribed webinar video, data sets, and interactive concept maps with images, animations and teaching resources on the spring phytoplankton bloom and its role in the ocean ecosystem — has become the second most visited section of the [COSEE-OS website](#). NSF’s news release about the [discovery is online](#). Contact: Margaret Nagle, (207) 581-3745

Media Coverage of North Atlantic Phytoplankton Study

06 Jul 2012

The [Science Codex website posted a report](#) about a marine research project by scientists from the Woods Hole Oceanographic Institution, University of Washington and University of Maine oceanographer Mary Jane Perry. The scientists published this week an article in the journal Science about the discovery of a new trigger of the North Atlantic phytoplankton bloom, which absorbs enormous amounts of carbon dioxide and produces oxygen in exchange. The researchers found evidence the bloom is triggered up to 30 days earlier than previously thought as a result of eddies stratifying the near-surface waters. [The Cutting Edge website](#) and [Environmental Protection Online](#) also posted the story. A [UMaine news release](#) has more information. Contact: George Manlove, (207) 581-3756

Beetle Battles

18 Jul 2012

[Click here to view Beetle Battles video on YouTube.](#)

Protecting Maine Lakes

09 Jul 2012

[Click here to view Protecting Maine Lakes video on YouTube.](#)

NECN Posts UMaine Trash Analysis Report

09 Jul 2012

The [New England Cable News website](#) posted an Associated Press article about a University of Maine School of Economics study that found about 60 percent of household trash thrown out in 17 sampled communities across the state could have been diverted from the waste stream at significant cost savings through composting or recycling. The [Natural Resources Council of Maine](#) also posted on its website a Maine Public Broadcasting Network report about the study. Contact: George Manlove, (207) 581-3756

Newspaper Notes UMaine Blue Sky Project Announcement

09 Jul 2012

In an advance of Monday's meeting of the University of Maine System Board of Trustees, the [Bangor Daily News](#) noted that agenda items included a discussion of UMaine President Paul Ferguson's Blue Sky Project, a five-year plan outlining ways to strengthen UMaine and the state. Contact: George Manlove, (207) 581-3756

Coverage of North Atlantic Phytoplankton Study Continues

09 Jul 2012

The [Bangor Daily News](#) reported on a marine research project by scientists from the Woods Hole Oceanographic Institution, University of Washington and University of Maine oceanographer Mary Jane Perry that identified a new trigger of the seasonal North Atlantic algae bloom, which plays a major role in reducing carbon dioxide in the atmosphere. The scientists published their findings last week in the journal Science. The researchers found evidence the bloom occurs up to 30 days earlier than previously thought as a result of eddies stratifying the near-surface waters. A report also appeared on the [MSNBC website](#) and the [Bunsen Burner website](#) UMaine news release has more information. Contact: George Manlove, (207) 581-3756

Curran Op-Ed in Ellsworth American

09 Jul 2012

An opinion column appearing in the Ellsworth American newspaper written by University of Maine Peace and Reconciliation Studies faculty member Hugh Curran challenged assertions in a New York Daily Sun editorial, published in the Ellsworth American, which discussed former Washington Post editor J. Russell Wiggins' early support for the Vietnam War and his disdain for the peace movement. Wiggins, who retired to Maine and published the Ellsworth American for many years, went on to leave a more important legacy at the Ellsworth American and as an Ellsworth-area philanthropist, Curran wrote. Contact: George Manlove, (207) 581-3756

UMaine Extension Specialist Comments on Tomatoes

09 Jul 2012

Frank Wertheim, a home horticulture specialist with the University of Maine extension in York County, was interviewed for a [Portland Press Herald](#) gardening column about tomatoes. Wertheim said there isn't really too much gardeners can do at this point to help the tomatoes recover from the recent rainy weather, but he did share the good news that as of the end of June, late blight had not been spotted in Maine. Contact: Jessica Bloch, (207) 581-3777

Researcher Noted in Report on Dead Whale Calf

09 Jul 2012

Dan DenDanto, a UMaine researcher in the School of Marine Sciences, is involved in the investigation into what may have killed a 6-month-old humpback whale calf that washed up on Little Cranberry Island last week, according to the [Bangor Daily News](#). DenDanto, who is a research associate of Allied Whale, a mammal research group that salvaged the skeleton of the whale, will articulate the skeleton so that it can be displayed at a museum or school. Contact: Jessica Bloch, (207) 581-3777

Handling the Effects of Abrupt Climate Change

18 Jul 2012

UMaine Gets \$3 Million NSF IGERT Award For An Adaptation To Abrupt Climate Change Program The need to adapt environmental policies and management strategies to meet the social and ecological challenges caused by abrupt climate change events around the world is the focus of a new graduate program at the University of Maine beginning this fall, funded by a five-year, \$3 million award from the National Science Foundation (NSF). The program, called Adaptation to Abrupt Climate Change, is a collaboration between UMaine's Climate Change Institute and School of Policy and International Affairs, funded through NSF's Integrative Graduate Education and Research Traineeship (IGERT) program. It will support the international research of 24 Ph.D. students in Earth sciences, ecology, economics, anthropology and archaeology. Their focus will be on threats of abrupt climate change to global security; ecosystem sustainability under abrupt climate change; and adaptation of economic, social, political and ideological systems to

abrupt climate change. In addition to collaborative interdisciplinary research, the students will participate in policy and management internships with international, federal and state agencies and organizations. In the new graduate training program, students will become experts and leaders in their fields, understanding the dynamic relationship between the environment and the security of humans in response to abrupt climate change, says Jasmine Saros, associate professor of biology in UMaine's Climate Change Institute and the principal investigator on the project. They will be the next generation of scientists charged with anticipating, managing and meeting the environmental and social challenges of abrupt climate change. "The risks of abrupt climate change are globally pervasive and include increased numbers of environmental refugees from storms, sea level rise and inundation of coastal areas, disruption of vital ecosystem services such as potable drinking water, and erupting conflicts over changing resource availability," says Saros. "This is why abrupt climate change is recognized as one of the major challenges to global sustainability. Meeting this challenge will require a stronger integration of both the social and natural sciences -- exactly what our new IGERT program is designed to do." The U.S. Climate Change Science Program defines abrupt climate change as "a large-scale change in the climate system that takes place over a few decades or less, persists (or is anticipated to persist) for at least a few decades, and causes substantial disruptions in human and natural systems." UMaine's program will be led by Saros and a team whose research looks at the causes and effects of abrupt climate change: Climate Change Institute director Paul Mayewski; Kristin Sobolik, professor of anthropology and climate change; Mario Teisl, professor of resource economics and policy; and Ivan Fernandez, professor of soil science. UMaine's new program received one of 18 NSF IGERT awards made this year. Since the inception of the IGERT program started more than a decade ago, UMaine has received three of the highly competitive awards. The first two are Ph.D. programs in Sensor Science, Engineering and Informatics, and Predoctoral Training in Functional Genomics in Model Organisms, funded in 2005 and 2002, respectively. Contact: Margaret Nagle, (207) 581-3745

Football Basics with Cosgrove Set for Aug. 2

10 Jul 2012

University of Maine football coach Jack Cosgrove will host "Coach Cos's Football 101 For Women" from 5:30 p.m. to 8:30 p.m. on Thursday, Aug. 2 in the Alfond Lounge inside Alfond Arena. The interactive workshop is designed to teach women basic football such as offensive and defensive strategies as well as what to look for when watching a game. The first part of the workshop will feature light refreshments as Cosgrove will go over the fundamentals of the game and host a question-and-answer session. The second part will include a tour of the facilities - including the locker room, weight room, field and skyboxes - and a chance to participate in drills with the coaching staff and run plays on the field. The \$25 cost includes a T-shirt, refreshments, a ticket to Maine's home opener on Sept. 22 against Albany, and the Football 101 book written by Sandy Caron, a UMaine professor of family relations and human sexuality, and former UMaine football player Mike Hodgson. There will be a drawing for two sideline passes for the home opener. All proceeds benefit the UMaine football program. Attendees are asked to register in advance by calling the Black Bear Club at 581-1130, and wear comfortable clothing and athletic shoes for the walking tour and drills. Payment may be made by credit card through the Black Bear Club, or mailed to Mike Hodgson, assistant AD, University of Maine, 5747 Memorial Gym, Orono, Maine 04469. Checks should be made out to the "University of Maine." Hodgson can be reached by email at mike.hodgson@umit.maine.edu for more information. Please provide your full name, email address, phone number and T-shirt size (women's cut). The registration deadline is July 31. Contact: George Manlove, (207) 581-3756

Web Blog Cites UMaine Physics, Astronomy Pedagogy Survey

10 Jul 2012

The online editor of [Physics Today magazine](#) cited a pedagogy survey about physics and astronomy misconceptions held by students as a guide for how and when to offer sequential class segments in complex or abstract subject areas, including the distribution and identification of galaxies. The research allowed University of Maine physics and astronomy professors Andrej Favia and Neil Comins, with UMaine psychology professor Geoffrey Thorpe, to determine in which order to introduce different concepts to students depending upon age, from children and adolescents to adult students. Contact: George Manlove, (207) 571-3756

UMaine 'Blue Sky' Endorsement Reported

10 Jul 2012

The [Bangor Daily News](#) was among the news organizations reporting that University of Maine System Trustees endorsed Monday UMaine President Paul Ferguson's Blue Sky Project, a five-year strategic road map to a series of university goals to strengthen both UMaine and the state as a whole. Others included [Mainebiz](#), the [Portland Press Herald](#), which carried an Associated Press story, the [Portland Daily Sun](#), and the [St. John Valley Times](#). A UMaine news release has complete details about the [Blue Sky Project](#). Contact: George Manlove, (207) 581-3756

Website Notes Plankton Bloom Research

10 Jul 2012

The [R&D Magazine website](#) posted a story about research to which UMaine scientist Mary Jane Perry contributed, into the trigger for the spring phytoplankton bloom in the Atlantic Ocean. Perry and colleagues from Woods Hole Oceanographic Institute and University of Washington published their findings in Science magazine. Contact: Jessica Bloch, (207) 581-3777

UMaine Hosting Maine Summer Transportation Institute for Middle-School Students

12 Jul 2012

The University of Maine is hosting its annual Maine Summer Transportation Institute, a hands-on, interactive program to teach youngsters about some of the exciting careers in engineering and transportation. About 20 area middle-school students are participating in the institute, which runs from 9 a.m. to 4 p.m. Monday through Friday until July 20. Students are participating in field trips, leadership, and team-building activities, a series of age-appropriate workshops with hands-on laboratory experiences all related to transportation mode, safety and products, air flight simulation, biofuels, wind energy, sailing, construction materials and computer-aided design. The majority of the activities will take place at the UMaine Foster Center for Student Innovation, at different engineering labs and at various off-campus locations. Below is a list of highlighted activities that will take place on the UMaine campus: Monday, July 16

- Campus Recreation Bike Safety & Ride with Charlie Bloedon, Maine Bound Coordinator (morning). Location to be announced.
- Students design & build offshore wind blades and test in a tank, with Olivia Sanchez, 1 p.m.-2:30 p.m., Advanced Structures and Composites Center.

Wednesday, July 18

- Innovation Engineering with Jesse Moriarity and Renewable Energy with James Passanisi (morning).
- Alternate Fuel Car & Bio Fuel Lab, students racing hydrogen-powered toy cars, with professors Hemant Pendse and Clay Wheeler, 1 p.m.-2:30 p.m. at Jenness Hall.

Thursday, July 19

- DOT Bridge Competition with Lib Jamison, Women Unlimited (morning), Foster Center for Student Innovation.
- Physics Phenomena with Professor David Sturm, 1 p.m.-2 p.m., 137 Bennett Hall.

Friday, July 20

- Collage Evaluation and Spaghetti Structures competition (morning), Foster Center for Student Innovation.
- Awards and lunch, (afternoon) Soderberg Lobby in Jenness Hall.

Contact: Sheila Pendse, (207) 944-9263

New York Times Interviews Researcher on Phytoplankton Bloom

12 Jul 2012

The [New York Times Green blog](#) interviewed UMaine oceanographer Mary Jane Perry about a study published last week in the magazine Science. Perry and colleagues found the spring phytoplankton bloom in the North Atlantic may be caused not by sunlight, but by shallow ocean currents known as eddies. The importance of the finding, Perry told the Times, is that phytoplankton provides food for a vast network of aquatic creatures in the North Atlantic. Contact: Jessica Bloch, (207) 581-3777

UMaine Organic Milk Research Reported

13 Jul 2012

Channel 5 (WABI) and Channel 2 (WLBZ) interviewed University of Maine Cooperative Extension professor of sustainable dairy and forage systems Richard Kersbergen for a report on a UMaine Extension research collaboration funded by a \$2.9 million grant through the U.S. Department of Agriculture to further improve the quality, quantity and marketability of organic milk in the Northeast. Kersbergen is working with farms in Charleston, New Vineyard and Pittsfield, Maine, to extend the pasture season and improve milk quality. A [UMaine news release](#) has more information.

Contact: Jessica Bloch, (207) 581-3777

Article on Student Science Prize Winner Cites UMaine Research

13 Jul 2012

A [Bangor Daily News article](#) about Bangor High School student Will Benoit, who has received a prestigious Stockholm Junior Water Prize award, noted that Benoit has been working with professor of chemical engineering and director of UMaine's paper surface science program Doug Bousfield and UMaine graduate student Finley Richmond on research to create cheaper water filtration alternatives for Third World countries. Benoit, who is summer intern at UMaine, is researching ways to use ground up plant fibers to construct water filters. Contact: George Manlove, (207) 581-3756

Coverage of UMaine Alumnus' Nomination to Adjutant General

13 Jul 2012

Col. James Campbell, a Maine Army National Guard member who received a master's and a Ph.D. in history at UMaine has been nominated by Gov. Paul LePage to become Maine's new adjutant general, according to a report in the [Portland Press Herald](#). The governor said in a statement that Campbell, who also served as executive director of the University of Maine Army Reserve Training Corps and commander of the 11th Civil Support Team in Waterville, has distinguished himself as a scholar and a soldier. Campbell has served in Afghanistan and currently works at the United States Central Command in Tampa, Fla. Legislative approval is expected. The [Bangor Daily News](#) also carried a report. Contact: George Manlove, (207) 581-3756

Butler Interviewed for MPBN Report on Older Drivers

13 Jul 2012

University of Maine professor of sociology Sandra Butler, who also works with the UMaine Center on Aging, was interviewed by the [Maine Public Broadcasting Network](#) for a report on efforts by the Secretary of State's Office to keep Maine highways safe as some drivers' skills diminish with age. Butler said facing the loss of a driver's license is particularly daunting for older drivers in areas that lack public transportation systems. Contact: George Manlove, (207) 581-3756

Newspaper Reports UMaine Extension Conference Space Sells Out

13 Jul 2012

Booth and exhibitor spaces for the first Hancock County Business Conference and Trade Show coordinated by the University of Maine Cooperative Extension has sold out, according to an [article in the Ellsworth American](#). The Governor's Regional Conference on Small Business and Entrepreneurship on Nov. 1-2 is being organized by a coalition of public and private organizations coordinated by UMaine Extension educator Louis Bassano in the Washington County UMaine Extension office and Jim McConnon, UMaine Extension specialist and professor of economics. Contact: George Manlove, (207) 581-3756

Bayer Comments in AccuWeather Web Lobster Story

13 Jul 2012

An [AccuWeather.com website article](#) about the early onset and glut of soft-shell lobsters in Maine waters included comments from Robert Bayer, director of the UMaine Lobster Institute. Bayer said unseasonably warm ocean temperatures in May probably accelerated the lobster shell-shedding schedule, which has increased the supply of lobsters, but not the demand. As a result, prices are low. Contact: George Manlove, (207) 581-3756

Blackstone Op-Ed Discusses Child-Free Adults

13 Jul 2012

An op-ed in the [Bangor Daily News](#) by Amy Blackstone, chair of the UMaine Department of Sociology, about adults and couples who choose not to have children offers perspectives on those decisions. Blackstone said her research has shown that most so-called child-free adults in fact do like children and many maintain meaningful relationships that make positive differences in children's lives. Contact: George Manlove, (207) 581-3756

BDN Advances Cosgrove's Football 101 Workshop

13 Jul 2012

[The Bangor Daily News](#) published information about a workshop, "Coach Cos's Football 101 for Women," which will be held Aug. 2 at UMaine. The workshop will cover the basics of football rules and strategies and will include tours of the UMaine athletics facilities and the opportunity to participate in drills. Contact: George Manlove, (207) 581-3756

Markowsky Cybersecurity Tutorial To be Featured at Conference

13 Jul 2012

University of Maine Professor and Chair of the Department of Computer Science George Markowsky's tutorial on cybersecurity tools is one of the featured tutorials at WorldComp'12, an international conference held in Las Vegas for computer science, computer engineering and applied computing that is expected to attract more than 2,000 participants from all around the world. The tutorial, which he will conduct on Monday, July 16, will introduce participants to key cybersecurity tools and give participants basic experience with the tools. Markowsky teaches cybersecurity at UMaine and runs in the Cybersecurity Lab and coaches the Cyber Defense Team. He is also the director of the 2012 Northeast Collegiate Cyber Defense Competition, which will be held at UMaine in March 2013. Go to the [WorldComp'12 website for more information](#). Contact: Jessica Bloch, (207) 581-3777

Workshop to Focus on Growing Seaweed

13 Jul 2012

In Maine and elsewhere, the field of seaweed cultivation is experiencing increased interest from aquaculturists,

harvesters, researchers and those in the business of making products from marine macroalgae. This is due to some innovative research being conducted in the region, and because Maine now has the first and only commercial kelp aquaculture operation in the United States, Portland-based Ocean Approved. The seaweed industry will be the subject of a workshop on Thursday, August 30 at the University of Maine's Darling Marine Center in Walpole. The workshop will cover the biology, culture techniques and products being made from seaweed, and will review the findings of a recent technology transfer project in kelp-shellfish polyculture, funded by the Maine Aquaculture Innovation Center. "Put the research together with the commercial activity, and there's a buzz building," says Dana Morse, a marine extension associate with Maine Sea Grant and University of Maine Cooperative Extension. "At this workshop, we hope to discuss future needs in research, product development, equipment and husbandry." The workshop will take place in DMC's Brooke Hall. There is no cost for the workshop, but space is limited and registration is required. To register, contact Dana Morse at (207) 563-3146 ext. 205 or dana.morse@maine.edu, or Sarah Redmond at (207) 422-6289 or sarah.redmond@maine.edu. For more information, seagrant.umaine.edu/extension/kelp-mussels. Contact: Dana Morse, (207) 563-3146 ext. 205 or dana.morse@maine.edu; Sarah Redmond, (207) 422-6289 or sarah.redmond@maine.edu

Woodcock Named Associate Athletic Director for Development

13 Jul 2012

The University of Maine has named Seth Woodcock its new associate athletic director for development. Woodcock, who worked in development at Maine Medical Center for the past nine years, will assume the role as the lead major gift fundraiser for athletics at UMaine. A native of Farmington, Maine, Woodcock is a 1995 graduate of Mt. Blue High School. He graduated magna cum laude from UMaine, earning a bachelor's degree in mass communication in 1999. Contact: Jessica Bloch, (207) 581-3777

Bayer Comments in AP Report Posted on Fox News Website

13 Jul 2012

Bob Bayer, a UMaine professor of animal and veterinary sciences and the executive director of UMaine's Lobster Institute commented in an Associated Press report about the drop in lobster prices that was posted on the [Fox News website](#). Bayer said the average price of new shell lobsters is \$1 to \$1.50 lower than last summer, which is a problem for the lobster industry. Contact: Jessica Bloch, (207) 581-3777

Historian Noted in Advance Story on Conference

13 Jul 2012

An article in the [Bangor Daily News](#) noted that UMaine historian Howard Segal will appear at a Camden Philosophy Society conference "Technology -- Crossing and Creating Boundaries" that will be held Saturday, July 28. Segal will deliver a talk entitled, "Beyond Huxley, Orwell and other 20th Century Dystopians: The Revival of Technological Utopianism in the 21st Century." Contact: Jessica Bloch, (207) 581-3777

Radio to Rebroadcast UMaine President Interview

13 Jul 2012

The radio stations of Blueberry Broadcasting will air this weekend a portion of an interview UMaine President Paul Ferguson gave live Wednesday morning. Ferguson was interviewed about UMaine's comprehensive strategic plan, known as the Blue Sky Project, which was announced Monday. The rebroadcast will air from 7 a.m. to 7:15 a.m. Saturday on 101.3 FM in Augusta and 103.9 FM in Bangor. Contact: Jessica Bloch, (207) 581-3777

Historian Set for Radio Interview

13 Jul 2012

Howard Segal, a UMaine historian, will appear on WZON radio's Pulse Morning Show at 7 a.m. Monday to discuss recent comments made by Maine Gov. Paul LePage about the IRS and the Affordable Care Act. In his weekly radio address last week, which focused on the U.S. Supreme Court's ruling to uphold the healthcare act, LePage compared the IRS with the Gestapo. Contact: Jessica Bloch, (207) 581-3777

Report on Alumnus in Miami Dolphins' Organization

16 Jul 2012

UMaine alumnus and former football player Brian Gaine has been promoted to assistant general manager of the Miami Dolphins, according to a story in the [Bangor Daily News](#). Gaine graduated from UMaine in 1995 with a degree in public administration and said he learned a lot at UMaine about how to handle the physical and emotional stress of college football. Contact: Jessica Bloch, (207) 581-3777

Wall Street Journal Interviews Lobster Institute Director

16 Jul 2012

Bob Bayer, the director of UMaine's Lobster Institute, was interviewed by the [Wall Street Journal](#) about the drop in prices of lobster. Bayer told the newspaper that fixing costs to limit price drops could have a small effect, but he doesn't expect much, and some lobstermen could go bankrupt. Contact: Jessica Bloch, (207) 581-3777

Media Advances Mitchell Talk

16 Jul 2012

Several media outlets, including TV stations [WCSH](#) and [WGME](#) noted that former U.S. Sen. George Mitchell will be speaking Thursday at a conference hosted by UMaine. The BIOGEOMON conference which started Sunday and is being organized by UMaine soil scientist Ivan Fernandez and Professor Emeritus Stephen Norton, will focus on biogeochemical research into the chemical and physical causes of climate change. Mitchell will deliver the keynote address Thursday. Contact: Jessica Bloch, (207) 581-3777

Political Scientist Comments on Summer Polls

16 Jul 2012

UMaine political scientist Amy Fried was quoted in a [Bangor Daily News article](#) about the value of summertime political polling. Fried said the most recent polls taken about the race for U.S. Senate and the issue of legalizing gay marriage set up identifiable dynamics and can have an impact in fundraising. Contact: Jessica Bloch, (207) 581-3777

Blog Notes UMaine Extension Butterfly Website.

16 Jul 2012

The [Lehigh Valley Master Gardeners blog](#), which is posted on the website of the Pennsylvania newspaper The Morning Call, noted the [University of Maine Cooperative Extension's website](#) of images of monarch butterflies. The blog post was about the disappearance of milkweed habitat and its potential impacts on the monarch population. Contact: Jessica Bloch, (207) 581-3777

Coverage of Bridge-in-a-Backpack

16 Jul 2012

The [Bangor Daily News reported](#) that the design standards for the Bridge-in-a-Backpack technology that was developed at UMaine's Advanced Structures and Composites Center have been accepted for inclusion in the American Association

of State Highway and Transportation Officials codes. Center director Habib Dagher, who was interviewed for the story, said the move means a Bridge-in-a-Backpack used on federal or state highways is automatically eligible for federal Department of Transportation grants. The BDN also reported in a separate story that a [transportation project in Caribou, Maine](#), that is nearing completion features a Bridge-in-a-Backpack over an ITS recreational trail. Contact: Jessica Bloch, (207) 581-3777

Wayne Astbury, 1940-2012

17 Jul 2012

Wayne Astbury, an accountant in the University of Maine's Office of Research and Sponsored Programs, passed away on July 1, according to a Bangor Daily News obituary. Astbury had been a UMaine employee for 42 years and was elected a member of the National Association of Accountants in 1968. A celebration of his life will be held 4 p.m. July 29 at South Blue Hill Central Hall. In lieu of flowers, donations may be made to South Blue Hill Cemetery Association, care of Dolly Robertson, Blue Hill, Maine, 04614. Contact: Jessica Bloch, (207) 581-3777

Fried Interviewed About 2nd Congressional District Race

17 Jul 2012

Comments from UMaine political scientist Amy Fried appeared in a [Portland Press Herald story](#) about the tightening fundraising race for Maine's 2nd Congressional district. Republican candidate Kevin Raye out-raised incumbent Mike Michaud from May to June, but Fried said Michaud's popularity will make the race very difficult for a challenger like Raye. Contact: Jessica Bloch, (207) 581-3777

UMaine Co-Hosting BIOGEOMON Conference

17 Jul 2012

The University of Maine is one of three hosts of BIOGEOMON, a gathering of international scientists, students and researchers who study how biogeochemical research, including monitoring, modeling and experiments, support an understanding of how chemical and physical climate change influences the environment on our planet. Around 400 people are expected to attend the conference, which will run through July 20 and is being held at the Point Lookout Conference Center in Northport, Maine. Former U.S. Sen. George Mitchell will provide a keynote address on Thursday, July 19. The conference is not open to the public. UMaine is hosting with Villanova University and the Czech Geological Survey. BIOGEOMON focuses on biogeochemical change through time, from ice cores to gauged watersheds. It will provide a forum for the dissemination and discussion of recent research findings, to explore future directions for biogeochemical research, and to foster interdisciplinary collaboration. UMaine Professor of Soil Science Ivan Fernandez and Professor Emeritus of Earth Sciences Stephen Norton are leading the conference planning effort and are part of the international planning committee. They and other UMaine faculty members and graduate students will present scientific papers in various sessions and lead field trips to critical research locales and natural sites such as the Bear Brook Watershed, the Howland Research Forest, and Acadia National Park sites on Mount Desert Island and the Schoodic Peninsula. Contact: Ivan Fernandez, (207) 944-6330; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Green Outdoors Profiles Fogler Descendants' Business

17 Jul 2012

The "Green Outdoors" show on Maine TV stations WCSH/WLBZ profiled the owners of Stonyvale Farm, a group which includes descendants of Raymond Fogler, an alumnus and benefactor for whom the UMaine library is named. The farm, located in Exeter, Maine, is converting cow manure into electricity through a process called as anaerobic digestion. Contact: Jessica Bloch, (207) 581-3777

Advance Coverage of Mitchell Keynote

17 Jul 2012

The [Maine Public Broadcasting Network](#) and [Boston Globe websites](#) posted an Associated Press story advancing a keynote address being given Thursday by former U.S. Sen. George Mitchell at BIOGEOMON, a conference UMaine is hosting this week in Northport, Maine. BIOGEOMON focuses on the chemical and physical effects of climate change. UMaine soil scientist Ivan Fernandez and Professor Emeritus Stephen Norton are members of the planning committee. Contact: Jessica Bloch, (207) 581-3777

Business Professor to Outline New Western Maine Tourism Effort

17 Jul 2012

University of Maine business professor Nory Jones and three student assistants will explain at 2 p.m. on Tuesday, July 17 a new marketing research project that employs several social networking Internet platforms to help tourism-related small businesses and nonprofits in the western Maine mountains area. Using Facebook, Twitter and a dedicated EcoMaine website, Jones and the students have been increasing public exposure for dozens of businesses in a research project that demonstrates how social media and Internet exposure can improve regional economies and economic development. They'll explain in Room 218 of the D.P. Corbett Business Building survey results from before the initiative began four months ago and what the results show now. Feedback from participants -- businesses, chambers of commerce and economic development offices -- Jones says, has been positive. Contact: Nory Jones, (207) 581-1995

Schoodic International Sculpture Symposium Open for Visitors

18 Jul 2012

Schoodic International Sculpture Symposium Opens July 22 Thousands of visitors are expected to attend Schoodic International Sculpture Symposium (SISS), which opens Sunday, July 22, in the University of Maine's Steam Plant parking lot on College Avenue in Orono. The event will be free and open to the public from 9 a.m. to 5 p.m., seven days a week, until the symposium closes on Aug. 30. SISS is being held this summer in partnership with the University of Maine. This is the fourth symposium since 2007 and the first time it has been held outside the Schoodic region of the Maine coast. The symposium brings eight internationally known sculptors to Maine for the six-week event. Each sculptor has been paired with one of the participating community partners -- the University of Maine, the University of Maine Foundation, Husson University, Acadia Hospital and the city of Bangor and the towns of Orono and Old Town -- to create a sculpture for a site chosen by each partner's committee. To mark the SISS opening, there will be a public event from 7 p.m. to 8:30 p.m. on Thursday, July 26, at UMaine's Hudson Museum in the Collins Center for the Arts. All eight artists will be introduced during a reception at the event, which will also feature a slide show of the artists' works. Volunteers from each of the eight SISS partners will staff the site each day. Other activities during the symposium include artist talks each Thursday in the McIntire Room of the Buchanan Alumni House at UMaine, during which the sculptors will present their work; tours of the sites of sculptures from previous years symposia; a summer camp for children in grades 6-12; UMaine college courses, including a sculpture course and a documentary class; and artist fieldtrips to New Brunswick and the Schoodic peninsula. There will be a closing ceremony at 3 p.m. on Thursday, Aug. 30 in the Steam Plant parking lot. The finished sculptures will be on display before they are moved to their permanent locations. For more information about SISS, go to schoodicsculpture.org. Each partner group is doing its own fundraising for its participation in SISS. For more information, contact the following representatives:

- Acadia Hospital: [Lynda Rohman](#)
- City of Bangor: [Judy Boothby](#)
- Husson University: [Julie Green](#)
- City of Old Town: [James Dufour](#)
- Town of Orono: [Lianne Harris](#)
- University of Maine: [Janet Waldron](#)
- University of Maine Foundation: [Judith Round](#)

A list of story ideas for the 2012 Schoodic International Sculpture Symposium is available [here](#). Contact: Tilan Langley, (207) 263-6057 or tilan@schoodicsculpture.org; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

New Study Links Social Anxiety and Dating Aggression

18 Jul 2012

Study finds social anxiety a predictor of dating aggression in young men. Young men with social anxiety, especially a fear of being judged negatively by others, are more likely to engage in physical and psychological dating aggression, according to a new study by psychologists at the University of Maine. The researchers also found that fear of negative evaluation put the young men particularly at risk for increased aggression when they viewed their romantic relationships as poor and antagonistic. Until recently, it's been largely held that socially anxious people tended to avoid confrontation, taking on an avoidance or "flight" rather than "fight" response. But increasingly, studies like the one at UMaine have explored the possibility that social anxiety and aggression are related. The UMaine study examined social anxiety as a predictor of two forms of dating aggression: physical aggression, such as slapping, use of a weapon and forced sexual activity; and psychological aggression, such as slamming doors, insulting and refusing to talk to the partner. The researchers surveyed 361 college students ages 18 to 23 who reported having romantic relationships in the past year and found that men's fear of negative evaluation was most predictive of their self-reported psychological and physical dating aggression. "The notion of control seems central to understanding why socially anxious men may be more likely to engage in psychological aggression with their dating partners than their female counterparts," the UMaine researchers wrote in the *Journal of Interpersonal Violence*. "Men who expect their partners to evaluate them negatively may also fear that their partners will ultimately reject them." The researchers note that women may react to perceived negative evaluation by their partners with emotional inhibition and conflict avoidance, while men may attempt to avoid rejection by shifting the balance of power to themselves through dominance and aggressive behavior. The research was led by Michelle Hanby, who received a master's and Ph.D. in psychology from UMaine, and is now an assistant professor of psychology at Angelo State University, and UMaine Professor of Psychology Douglas Nangle. Contact: Margaret Nagle, (207) 581-3745

Farmers Market Food Safety

18 Jul 2012

[Click here to view Farmers Market Food Safety video on YouTube.](#)

BDN Notes Standbrook Honor

18 Jul 2012

[A column](#) in the Bangor Daily News noted that former UMaine assistant men's hockey coach has been inducted into the Manitoba Hall of Fame. Standbrook served as UMaine's recruiting coordinator for 18 years, helping the Black Bears to two NCAA Championships and 11 Frozen Four appearances. Contact: Jessica Bloch, (207) 581-3777

Press Herald Column on Bridge-in-a-Backpack

18 Jul 2012

The news that the Bridge-in-a-Backpack technology developed at UMaine's Advanced Structures and Composites Center has won national approval from a group of transportation officials as the subject of a column in the [Portland Press Herald](#). The column argued that the technology, which is a composite bridge that can be built faster, lighter and stronger than conventional concrete or steel bridges, deserves more attention from state government than it is getting. Brit Svoboda, a UMaine graduate to whose company UMaine licensed the technology, said Maine should be proud of what was created and developed at UMaine. Contact: Jessica Bloch, (207) 581-3777

Bayer Comments on Lobster Price Drops

18 Jul 2012

Comments made by Robert Bayer, the director of UMaine's Lobster Institute, in a recent Wall Street Journal report about falling lobster prices were posted on the [New Jersey Newsroom website](#) and Trade Only Today, a website that carries daily news for marine industry professionals. Bayer has said the low prices will be a disaster for some people. Contact: Jessica Bloch, (207) 581-3777

Lily Leaf Beetle Research in Newspaper Report

18 Jul 2012

UMaine research into the lily leaf beetle was mentioned in a story about the beetle on the website for The Daily News of Batavia, N.Y. The story noted that UMaine has done research to identify lilies that have resistance to the beetle, and also mentioned research into botanical insecticides. A [University of Maine Cooperative Extension bulletin](#) developed by UMaine professor Eleanor Groden, UMaine Extension professor Lois Berg Stack and collaborating researcher Philip Stack has more information. Contact: Jessica Bloch, (207) 581-3777

Gulf of Maine Buoy System Awarded Grant to Continue Ocean Monitoring

17 Jul 2012

Coastal, maritime and marine science communities, including researchers at the University of Maine, will benefit from federal funding of \$2 million recently awarded to the Northeastern Regional Association of Coastal Observing Systems, known as NERACOOS. The Gulf of Maine buoy array operated by the University of Maine Physical Oceanography Group under the direction of UMaine oceanographer Neal Pettigrew will receive \$728,000 in funding. The grant is being awarded by the National Oceanic and Atmospheric Administration and represents the second year of funding of a 5-year award. The majority of the funding will be distributed among the NERACOOS operational/research partners to sustain the data collection and forecasting efforts of the program. NERACOOS, a regional component of the U.S. Integrated Ocean Observing System (IOOS), spans coastal waters from the Canadian Maritime Provinces of Nova Scotia and New Brunswick to Long Island Sound. The mission of NERACOOS is to provide those who use these waters with actionable information, including weather and ocean data to emergency managers who issue storm warnings, and to fishers and commercial shippers to determine if conditions are safe for passage. NERACOOS is also advancing efforts to use this data for ocean planning, water quality monitoring, harmful algal bloom predictions and warnings, and coastal flooding and erosion forecasting systems. The funding for UMaine will support operations and maintenance of the Gulf of Maine buoy array (formerly GoMOOS), and to support coastal radar system operations that measure currents and enhance search and rescue. Pettigrew's Physical Oceanography Group has been developing and operating real-time ocean observing systems that measure currents, salinity and temperature and multiple water depths in the Gulf of Maine since 1997. "The buoys that Neal's team runs provide critical information to a lot of people every day and the critical long-term record that has developed from the buoys becomes more valuable the longer it continues," says NERACOOS spokesman Tom Shyka. Other institutions that received awards from the NOAA grant are the Gulf of Maine Research Institute, Bedford Institute of Oceanography in Nova Scotia, and the universities of New Hampshire, Massachusetts Dartmouth, Rhode Island and Connecticut. For more information about NERACOOS go to neracoos.org. Contact: Neal Pettigrew, (207) 581-4384 or nealp@maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Story Ideas for 2012 Schoodic International Sculpture Symposium

18 Jul 2012

July 22-Aug. 30 at the University of Maine For more information or to set up an interview, contact Jessica Bloch at (207) 581-3777 or jessica.bloch@umit.maine.edu; or Tilan Langley at (207) 263-6057 or tilan@schoodicsculpture.org
Opening event: Meet the artists and see a slide show of their work. Free and open to the public, 7 p.m.-8:30 p.m., Thursday, July 26 in the Hudson Museum at the University of Maine's Collins Center for the Arts. **Artist talks:** Free and open to the public, 7 p.m.-8:30 p.m. every Thursday in the McIntyre Room of Buchanan Alumni House at the

University of Maine Aug. 2: Hwang Seung-Woo and Tim Shay Aug. 9: Andreas Von Huene and Johnny Turner Aug. 16: Koichi Ogino and Ton Kalle Aug. 23: Shan-Chi Teng and Lee Zih-Cing **UMaine courses:** The University of Maine is offering two courses related to SISS, which provide students the opportunity to work alongside the symposium sculptors while creating their own works of art or documenting the event. The courses are: **Sculpture:** UMaine assistant art professor Greg Ondo is leading the class, during which each student will be assigned to an SISS sculptor to investigate aspects of that sculptor's culture and creative process. The students will also create their own sculptures from stone. **Documentary:** Students will work in a variety of documentary media, including video, audio and photography to create a dynamic archive of the event. **UMaine assistants and interns:** Richard Reichenbach and Matthew Foster, who are both 2012 UMaine graduates, are serving as lead assistants to the eight SISS sculptors while another group of students from UMaine and other colleges are serving as interns to the sculptors. Reichenbach and Foster were both student interns at SISS last summer, helping the artists in all aspects of the creation of their sculptures, including morning setup and evening cleanup. Reichenbach retired in 2007 from the Coast Guard and now works as a painter and sculptor. His work has appeared in the Parent Gallery in Belfast and the Center for Maine Craft in West Gardiner. He was a studio art and art education major at UMaine. Foster has a degree in fine arts/sculpture and has exhibited at UMaine's Lord Hall Gallery. He recently received the Elizabeth Warren Graves Art Fund Award, a Solo Exhibition Award from the University of Maine; was nominated for the International Sculpture Centers Outstanding Student Achievement Award; and after graduation, received the Good Idea Grant from the Maine Arts Commission. Foster will be a participating artist this fall at the J.C. Stone Sculpture Symposium in Jefferson, Maine. **Bus tours:** The University of Maine Division of Lifelong Learning offers bus tours to many Down East Maine sites of sculptures from previous years' symposia. Each tour starts at UMaine followed by a narrated daylong tour of different routes: Tour 1: Thursday, Aug. 9 – Orono, Ellsworth, Bar Harbor/Southwest Harbor Tour 2: Thursday, Aug. 23 – Orono, Ellsworth, Machias The cost is \$85 per tour, including lunch and tour bus fees. **Summer camp:** The SISS Summer Camp program will be held each Saturday throughout the symposium. Students will meet and interact with the artists, and observe the progress of the sculptures to learn various sculpting techniques and styles. Students will also make smaller sculptures of their own. The camp is open to those in grades 6-12 and costs \$125 for five Saturday sessions. Tools and materials are included. Contact Rich Reichenbach at rreichenbach@gmail.com or (207) 263-6057 for more information. **Tim Shay:** Indian Island resident Tim Shay, a participating sculptor in this year's symposium, is creating a sculpture for the University of Maine's Percent for Art site at Nutting Hall. Shay was born on Indian Island and is believed to be among the first Native American artists to be selected for a Maine Percent for Art project, a program that sponsors public art for state buildings. Shay's previous public commissions include works for the Penobscot Nation Housing Authority, the Lucy Nicolar Poolaw Family Museum on Indian Island, and the Oklahoma State University Wellness Center. **Married sculptors:** SISS selected Lee Zih-Cing and Shan-Chi Teng as its first artists from Taiwan. Lee and Teng are also the first married sculptors to participate in the symposium at the same time. Lee will create a sculpture for Oxford Hall on the UMaine campus and Teng will create a piece for Orono. **Artist fieldtrips:** Aug. 20, the SISS sculptors and staff will travel to Saint John, New Brunswick to engage the artists who are participating in the first Sculpture Saint John Symposium, an event inspired by and modeled after SISS. The fieldtrip is an all-day event that includes stops at SISS sculpture sites. The artists and staff will attend a hosted event at Schoodic Arts for All at Hammond Hall in Winter Harbor on Aug. 26. Although the artists will not be at the Steam Plant parking lot site those days, the site will be open and staffed by volunteers. **Orono student participation and local art educators:** All Orono students in kindergarten through grade 12 will visit SISS before it closes. In addition, local art teachers will bring students to visit the SISS site. Many teachers participated in a workshop in April, during which they heard about educational opportunities for students at all levels. Several teachers are willing to be interviewed about why they feel it is important to bring students to the SISS site, even in the summer when school is out, and how they will incorporate SISS into their lessons. **Closing ceremony:** SISS will mark its closure for the summer with a public event at 3 p.m. on Aug. 30 in the Steam Plant parking lot. The finished sculptures will be on view before they are moved to their permanent locations.

Student Co-Authors Article on Availability of Bait

19 Jul 2012

Maddelyn Harden, a UMaine marine science student, was listed as a co-author on an article in [Working Waterfront newspaper](#) about how restrictions on the herring fishery may lead lobstermen to search for alternative bait sources, which could lead to impacts on lobster health, human health, public perception and the marine ecosystem. Catherine Schmitt, the communications coordinator for the UMaine-based Maine Sea Grant, is also a co-author on the report with

Heather Deese, the Island Institute's vice president of programs. Contact: Jessica Bloch, (207) 581-3777

Newspaper Advance on Sculpture Symposium Fundraiser

19 Jul 2012

The [Bangor Daily News](#) carried an advance on an upcoming fundraiser for the Schoodic International Sculpture Symposium, which is being held starting July 22 in partnership with UMaine. SISS will take place in the Steam Plant parking lot off College Avenue. A [news release](#) has more information about the symposium. Contact: Jessica Bloch, (207) 581-3777

Student Bird Researchers Profiled in Newspaper Story

19 Jul 2012

UMaine students Katie Chenard and David Bridges, who are serving as interns this summer for the U.S. Fish and Wildlife Service, were profiled in a [Bangor Daily News story and video](#). Chenard and Bridges are living on Metinic Island to protect migratory seabirds that nest there. In addition to enhancing nesting grounds and monitoring predator populations, the interns also count the seabirds, their eggs, the chicks and monitor what they eat. Bridges, a sophomore biology student, said the experience on Metinic has been "intense." Contact: Jessica Bloch, (207) 581-3777

Lobster Institute Director Comments on Price Issues

19 Jul 2012

Robert Bayer, director of UMaine's Lobster Institute, commented in a [Portland Press Herald](#) story about the falling prices of lobster. Bayer said given the glut of lobsters on the market, the margins between the wholesale and retail prices are probably less now. Contact: Jessica Bloch, (207) 581-3777

Op-Ed Defends State's Stance on UMaine Bridge Technology

19 Jul 2012

In an opinion piece in the [Portland Press Herald](#), a public information officer for the Maine Department of Transportation defended the state's response to the news that the Bridge-in-a-Backpack technology developed at UMaine had received a key approval from a national group of transportation officials. Responding to a column in Wednesday's Press Herald, the officer wrote that the Maine DOT supports the research with funds to develop further improvements, including designing longer bridge spans and shapes, making them more marketable to all states. Contact: Jessica Bloch, (207) 581-3777

Website Notes Wind Test Chamber News

19 Jul 2012

The [Virtual Strategy Magazine website](#) posted a news release from Hastest Solutions, Inc., a California company that designs and manufactures wind test chambers, which noted the company had designed, assembled and installed a three-story environmental wind turbine test chamber in UMaine's Offshore Wind Laboratory. The release included a comment from Habib Dagher, UMaine engineering professor and the director of the Advanced Structures and Composites Center, which houses the wind laboratory, who said the test chamber will provide UMaine with the ability to test components of offshore structures under more realistic conditions. Contact: Jessica Bloch, (207) 581-3777

Social Anxiety Study Posted on Website

19 Jul 2012

A study by UMaine psychiatrists linking social anxiety to dating aggression was posted on the [Medical Xpress website](#). The study, which was published in the Journal of Interpersonal Violence, found young men with social anxiety, especially a fear of being judged negatively by others, are more likely to engage in personal and psychological dating aggression. UMaine Professor of Psychology Douglas Nangle and a former UMaine graduate student led the research. Contact: Jessica Bloch, (207) 581-3777

UMaine Economist Part of National Energy Project

18 Jul 2012

UMaine Economist Part of National Energy Research Project Six researchers, including University of Maine economist Jonathan Rubin, released Thursday a series of studies that found the fuels of the future will be cleaner, cheaper and more “made in America” if the United States adopts a national Low Carbon Fuel Standard (LCFS). The National LCFS Project released the reports during a bipartisan briefing on Capitol Hill, co-hosted by U.S. Sen. Olympia Snowe of Maine and Sen. Dianne Feinstein of California. The National LCFS Project is a collaboration among researchers from six top U.S. institutions, each looking at a different aspect of how a Low Carbon Fuel Standard would affect America’s energy posture, national security, environment and economy. The reports including technical analysis and policy design recommendations. A Low Carbon Fuel Standard is designed to reduce the amount of carbon in transportation fuels. It would require all energy companies to meet a common target for carbon intensity, but leave it up to the companies themselves to decide how to reach that goal. For example, an oil company might choose to diversify into electric or hydrogen fuels, or it might add more low-carbon biofuels to its mix of offerings, or it might buy credits from companies that specialize in low-carbon fuels, or that can lower the carbon intensity of their fuels more efficiently. “An LCFS encourages innovation and diversity by harnessing market forces,” Rubin says. “These reports provide practical policy recommendations, and are designed to inject scientific information into the national conversation on a Low Carbon Fuel Standard.” The peer-reviewed reports will be published in The Energy Policy Journal’s special issue on Low Carbon Fuel Policy over the next several months. In addition to UMaine and the University of California, Davis, which is overseeing the project, the participating researchers are from Oak Ridge National Laboratory; the University of Illinois, Urbana-Champaign; Carnegie Mellon University; and the International Food Policy Research Institute. Rubin is a professor in UMaine’s School of Economics and the Margaret Chase Smith Policy Center. His fields of interest include environmental and resource economics, transportation energy and policy, and biofuels. More information and copies of the reports are online (nationallcfsproject.ucdavis.edu). Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Oceanographer Testifies About Climate Change and Fisheries Management

18 Jul 2012

Andrew Pershing, a biological oceanographer with the University of Maine and Gulf of Maine Research Institute, testified in a July 19 Congressional hearing about the need to consider the role of climate change in marine fisheries management. The hearing of the Subcommittee on Fisheries, Wildlife, Oceans and Insular Affairs considered three bills, including HR 6096 — the Atlantic Fisheries Statues Reauthorization Act of 2012. Pershing, an associate professor of oceanography at the UMaine in Orono and a research scientist at GMRI in Portland, was invited to talk about how fisheries should be managed in light of a changing climate. The goal of Pershing’s research is to understand how marine ecosystems respond to changes in the physical environment. In the Gulf of Maine, he uses satellite and other data to develop computer models of the marine ecosystem to reconstruct and forecast population dynamics in species, including the critical copepod in the food web, *Calanus finmarchicus*. Much of his recent research has focused on understanding how a climate-driven shift in the plankton community in the Northwest Atlantic affected fish, including herring, bluefin tuna and Atlantic salmon. “As we look back over the last 30 to 40 years, there are a lot of examples of how changes in climate have stressed fisheries,” Pershing says. “It’s that potential for the interaction between fisheries and climate change that can really challenge (resource) management. An example is the northern cod fisheries that was headed for a hard time, but climate shift changed that from a slow slide to a collapse.” Pershing concludes that overfishing, especially on older and larger fish, can make fish populations more vulnerable to climate change. The key, Pershing told the Congressional subcommittee, chaired by Rep. John Fleming, is to expand monitoring of ocean conditions and to build new models that can predict the response of marine ecosystems to climate change. [A PDF of Pershing’s testimony is](#)

[available here. \(PDF\)](#) Contact: Margaret Nagle, (207) 581-3745

Historians' Blog Hosting Digital Humanities Project

20 Jul 2012

University of Maine historian Katherine O'Flaherty and graduate student Rob Gee, who co-write the blog [Stillwater Historians](#), are hosting on the blog this month History Carnival 111: Environmental History Edition, a monthly [showcase of blog writing about history](#). The History Carnival is hosted each month at a different history blog to highlight a variety of approaches, perspectives and themes. Each guest host collects nominations from around the web and selects the best content to present. The History Carnival is a digital humanities project originating at The Humanities Research Institute at the University of Sheffield. Stillwaterhistorians.com compiled a special Environmental History Edition showcasing the best blog writing in environmental history from around the world and around the web. All featured posts in the carnival were written within the past two months and cover a range of themes. The carnival features environmental history posts from Canada, New Zealand and Germany in addition to varied posts from across the U.S. The Stillwater Historians blog focuses on local, international, and environmental history as well as issues in teaching, research, publishing, and academic life generally. The blog has garnered widespread attention and has twice been featured on "What We're Reading," by the American Historical Association (AHA). The site also features articles detailing ongoing research projects focused on Maine, New England, and the Maritimes, from O'Flaherty's work on early 20th century Chinese immigration to Maine, agribusiness and sugar beets in Aroostook County, and the uses of digital tools and social media among academics to Gee's works on the Downeast blueberry industry and resource management in the fisheries of the New England and Maritime coasts. Contact: Jessica Bloch, (207) 581-3777

Website Posts News About Offshore Wind Energy Research Facility

20 Jul 2012

SFGate, the website of the San Francisco Chronicle newspaper, posted a news release from a company that designed, assembled and installed an Environmental Wind Turbine Test Chamber at UMaine's Offshore Wind Laboratory, which is part of the Advanced Structures and Composites Center on campus. The president of Hastest Solutions, Inc., said in the release he was proud his company has had the opportunity to participate in something "historic in nature." Center director Habib Dagher said the unique chamber will provide the center the ability to test components of offshore wind turbines under more realistic conditions. Contact: Jessica Bloch, (207) 581-3777

AP Report on Grant for Buoy Program

20 Jul 2012

Several media outlets, including [the Boston Globe website](#) carried an Associated Press report that seven regional research institutions, including the University of Maine, had received grant funding from the National Oceanic and Atmospheric Administration to continue a buoy system that monitors the Gulf of Maine and southern New England. Neal Pettigrew, a UMaine professor who has led the buoy program at UMaine since 1997, will receive \$728,000 out of the \$2 million grant. [The Long Island Press](#) and [Hartford Business website](#) also posted the AP report. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension Educator Comments on Food Packaging

20 Jul 2012

Comments from Alan Majka, a University of Maine Cooperative Extension educator, were included in a Project Economy report by Portland TV station WMTW about changes over the years in food packaging. Majka, a registered dietician, said one way consumers can deal with confusion over package sizes is to look at the unit price. Contact: Jessica Bloch, (207) 581-3777

Public Radio Interviews Social Work Professor on Welfare

20 Jul 2012

A Maine Public Broadcasting Network radio report on new welfare restrictions included remarks from Sandra Butler, a UMaine social work professor. Butler said there is no evidence that a significant amount of welfare money is being spent on products and services such as visits to nail salons and tattoo parlors, trips on cruise ships and the hiring of psychics, although they are legal purchases in Maine for someone with welfare benefits. Contact: Jessica Bloch, (207) 581-3777

Coverage of Mitchell Keynote at International Conference

20 Jul 2012

Several media outlets, including [the Bangor Daily News](#) covered a keynote address given Thursday by former U.S. Sen. George Mitchell at the BIOGEOMON conference in Northport, Maine. The conference was co-hosted by UMaine. Mitchell told hundreds of international scientists, students and researchers that precise data can help solve problems such as streams, lakes and soils tainted by pollution. Mitchell also noted that projects such as UMaine's long-term research at the Bear Brook Watershed are critical to policy development. Bangor [TV stations WABI](#) and [WVII](#) both interviewed UMaine soil scientist Ivan Fernandez, who was one of the organizers of the conference. Contact: Jessica Bloch, (207) 581-3777

Blog Advances Sculpture Symposium

20 Jul 2012

The Cafe des Artistes blog on [the Bangor Daily News website](#) ran an advance story about the Schoodic International Sculpture Symposium, which starts Sunday in UMaine's Steam Plant parking lot. The symposium is being held this year in partnership with UMaine. Contact: Jessica Bloch, (207) 581-3777

Economist Noted in Coverage of Energy Proposal Announcement

20 Jul 2012

The National Low Carbon Fuel Standard Project, of which UMaine economist Jonathan Rubin is a member, was covered by several blogs and media outlets after its announcement Thursday that a national low-carbon fuel standard could solve transportation energy challenges. The [Wall Street Journal's Marketwatch website](#) ran a news release about the project that included a quote from Rubin, which was also included in a story on the website of the [Sacramento Business Journal](#). [Ethanol Producer Magazine website](#) also has a story about the project. UMaine's participation was noted in a story on [AOL Energy](#). Contact: Jessica Bloch, (207) 581-3777

UMaine Extension Experts Participating in Event with Commerce Undersecretary

23 Jul 2012

Two University of Maine Cooperative Extension experts will represent UMaine Extension at a public meeting Thursday in Alfred, Maine, with Kevin Concannon, U.S. Department of Agriculture undersecretary for food, nutrition and consumer services. UMaine Extension educators Frank Wertheim and Barbara Murphy will attend the meeting, which is sponsored by Partners for a Hunger-Free York County, a local coalition of people and organizations in York County, working to identify needs, mobilize resources, and create innovative, sustainable solutions to ending hunger in the county. The coalition brings together farmers, gardeners, educators, nutritionists, food pantries and non-profit organizations including UMaine Extension. The meeting will be held from 9 a.m. to 11 a.m. in the dining commons of York County Shelter Programs, located at 3 George Street. Concannon, who is originally from Portland, has served during the last 25 years as director of state health and human services departments in Maine, Oregon and Iowa. For more information contact Kristine Jenkins of Partners for a Hunger-Free York County at (207) 985-3359, ext. 217.

Contact: Kristine Jenkins, (207) 985-3359, ext. 217; Jessica Bloch, (207) 581-3777

Hirundo Canoe Tours Sundays Through September

23 Jul 2012

The [Hirundo Wildlife Refuge](#) in Alton and Old Town has scheduled weekly guided canoe tours on Pushaw and Dead streams Sunday afternoons from 2-3:30 p.m. The tours offer basic canoe instruction and a chance to explore the plants and wildlife found in the streams. The ecosystem provides a great diversity of bird life and mammal behavior, and an environment to learn about aquatic plant communities and conservation issues in tranquil beauty. Canoes, paddles and life jackets are provided. Participants should meet at parking lot Gate 3 at 35 Hudson Road (Route 43) in Alton and Old Town. Paddlers also can choose to ride in one of two 28-foot war canoes on loan from the Penobscot River Keepers. Hirundo programs are open to all ages and free to school-aged children. A \$4 donation is asked of adults. Reservations or cancellations are requested before the day of the tour by calling 207-944-9259 or visit www.hirundomaine.org. Contact: Gudrun Keszöcze, (207) 944-9259

UMaine Sustainable Agriculture Field Day July 25

23 Jul 2012

A group of agricultural experts mainly from the University of Maine Cooperative Extension will lead a free, public program on [sustainable farming](#) from 3:45 p.m. to 6:30 p.m. on Wednesday, July 25 at the UMaine Rogers Research Farm on Bennoch Road in Stillwater. Topics include sweet corn integrated pest management and emerging pests, crow management in cornfields, tree fruit and the brown marmorated stink bug, managing the spotted wing drosophila fruit fly, pollination and the Master Gardener Program. A weed, insect and plant disease identification session will be held from 3 p.m. to 4 p.m. Contact: George Manlove, (207-581-3756)

News Reports on Sculpture Symposium

23 Jul 2012

[Channel 2 \(WLBZ\)](#) and [Channel 5 \(WABI\)](#) reported over the weekend on the fourth annual Schoodic International Sculpture Symposium being held this year in partnership with the University of Maine and in the Steam Plant parking lot, where members of the public can watch artists from around the world in action with grinders, chisels and granite blocks. A [UMaine news release](#) has additional details. Contact: George Manlove, (207-581-3756)

Barkan Blog on Colorado Massacre, Male Violence

23 Jul 2012

University of Maine sociologist Steven Barkan discusses guns and violence in the [United States in a blog](#), Criminology and Sociology, in which he argues that males commit more violent acts than women and, as a society, boys must be raised differently to reduce a propensity for violent behavior. Contact: George Manlove, (207) 581-3756

Bayer Comments on Colored Lobsters, Lobster Die-Off

23 Jul 2012

Comments by Robert Bayer, direct of the University of Maine's Lobster Institute, were included in an Associated Press report about the increasing reports of odd-colored lobsters that appeared on websites for [MSNBC](#), [CBS](#) and the [Chicago Sun-Times](#), among others. Comments from Bayer were also included in a three-part series of articles by the [Darien Times](#) in Connecticut about changes in the ecosystem of Long Island Sound, water quality and whether pesticides are affecting lobsters there. Contact: George Manlove, (207) 581-3756

MPBN's Mainewatch Features Healthy Beaches Program

23 Jul 2012

University of Maine Cooperative Extension marine professional and Maine Healthy Beaches program staff member Keri Lindberg, who also works with the UMaine-based Maine Sea Grant, was interviewed as part of a Maine Public Broadcasting Network "Mainewatch" feature on the state's coastal beach monitoring program. Contact: George Manlove, (207) 581-3756

Sorg Comments in Story About Rise in Pharmacy Robberies

23 Jul 2012

In a [Bangor Daily News report](#) on the rise in robberies at Maine pharmacies, Marcella Sorg, who directs the drug and alcohol research program at UMaine's Margaret Chase Smith Policy Center, said as efforts to rein in prescription drug abuse succeed, addicts find other ways, such as pharmacy robberies, to get the medications they seek. Contact: Jessica Bloch, (207) 581-3777

Ward Comments in Pulp Mill Emissions Story

24 Jul 2012

Comments by Jake Ward, assistant vice president for research, economic development and government relations at the University of Maine, were included in a Maine Center for Public Interest Reporting story posted on the [Bangor Daily News](#) website about a state Department of Environmental Protection decision to allow the Old Town Fuel and Fiber pulp mill to increase its permitted carbon monoxide and sulfur dioxide emissions. UMaine's Technology Research Center opened last month on mill property. Contact: George Manlove, (207) 581-3756

Energy Website Reports on Low Carbon Fuel Recommendations

24 Jul 2012

The energy website [FierceEnergy](#) reported on recommendations for a national low carbon standard for transportation fuels from a consortium of scientists from six of the nation's leading research institutions, including the University of Maine. UMaine economist Jonathan Rubin is a member of the National LCFS (low carbon fuel standard) Project, which released a series of studies last week in Washington, D.C. Fuels could be cleaner and cheaper if the United States adopted such a standard, the group said. Rubin's participation was also listed in the [Portland Press Herald's "Washington Notebook"](#) column. A [UMaine news release](#) has more details. Contact: George Manlove, (207) 581-3756

Oceanographer in Newspaper's 'Washington Notebook'

24 Jul 2012

UMaine oceanography researcher Andrew Pershing's testimony in front of a Congressional subcommittee was mentioned in the "Washington Notebook" column in the [Portland Press Herald](#). Pershing told the subcommittee about his research on how climate change is affecting plankton, and the possible impacts on important Gulf of Maine species such as Atlantic salmon and herring. Contact: Jessica Bloch, (207) 581-3777

Student's Summer Internship Noted in Hartford Newspaper

24 Jul 2012

The [Hartford Courant](#) has a story about Nick DiTaranto, a UMaine civil engineering major who is spending the summer as an intern in West Hartford, Conn., inspecting sidewalks on a bicycle. DiTaranto is close to completing the 245-mile inspection and has logged more than 700 sidewalk issues in a town database. Contact: Jessica Bloch, (207) 581-3777

UMaine Graduate, Now Assistant Coach, Heading to Second Olympics

25 Jul 2012

As a 2003 University of Maine graduate who returned to Orono earlier this year to serve as an assistant coach for the Black Bears track and field team, Viktoriya Rybalko considers UMaine to be her second home. This summer, however, she is spending most of her time in Europe. First, Rybalko was in her native Ukraine in order to qualify for the Olympics in the long jump. Having accomplished that goal, she will now head to London to compete in her second Summer Games. Rybalko finished 12th in the long jump during the 2008 Olympics in Beijing. "Why not?" Rybalko says of her decision to attempt to qualify for a second Summer Olympics. "Participation in the Olympics has always been one of the highest achievements for any athlete, including myself." The qualifying rounds of competition in the women's long jump begin Aug. 7 at the Olympic Stadium in London. Rybalko's personal-best jump of 6.95 meters, which she registered on June 13 during a meet in Yalta, Ukraine, is ranked 16th in the world this year. The distance improved her previous personal best of 6.87 meters. Rybalko, known as Vika, was named an All-American in 2003 after she finished second in the long jump at the NCAA Outdoor Track and Field Championships. She won 10 America East individual titles while also leading the UMaine women's team to the 2003 New England Championship. In addition to her athletic successes, Rybalko was also a top student while at UMaine. She earned the 2003 'M' Club Dean Smith Award, given to Maine's top scholar-athlete. Time management and discipline were two key life lessons Rybalko learned during her time in Orono. "As a student-athlete you learn to integrate academics and athletics until it becomes a way of life," she says. "The two aspects of intellectual and physical development are important on a day-to-day basis. Learning how to fit everything in one day can be a challenge, but nothing is impossible. Successes in academics definitely help me to move forward as an athlete and a coach. I enjoy everything that I do." Since her graduation, Rybalko has earned her master's degree in microbiology from the University of Rochester and is pursuing her doctorate in exercise science at the University of Texas. Rybalko's passion for track and field, her personal training experiences and her years as a coach led her to the field of exercise science. Her major interest is muscle injuries, with a focus on muscle regeneration. Following the Olympics, Rybalko intends to return to UMaine as an assistant coach, while her advisor at the University of Texas establishes a research collaboration at UMaine, which will allow her to continue working on her Ph.D. "UMaine is my second home. I love everyone there: coaches, staff, administrators and most of all, my athletes," Rybalko says. "I definitely want to contribute as much as I can to make a difference and help my athletes to learn how to set and achieve their goals. It is the greatest lesson in life any coach can give." Contact: Jessica Bloch, (207) 581-3777

New Technology for Composite Fencing, Decking

18 Jul 2012

UMaine Patent Will Improve Manufacturing Process for Fencing, Decking Materials A new technology developed at the University of Maine's Advanced Structures and Composites Center will help fences and decks of the future to be stronger and longer lasting than those currently built with wood or synthetic wood materials. The U.S. Patent Office issued in July U.S. Patent No. 8,221,663, which introduces a method of manufacturing a synthetic wood product. The patent was issued to Doug Gardner, UMaine professor of forest resources; Chris West, Advanced Structures and Composites Center wood plastic composite research associate; Yousoo Han, UMaine assistant research professor; and Stephen Michalik, a researcher at NOVA Chemicals' Beaver Valley Technology Center in Monaca, Pa. The innovative process combines wood and plastic in a manner that strengthens and stiffens the final product by polymer cross-linking, and at the same time reduces weight by the formation of bubbles in the synthetic wood mixture. This process creates a material for fencing and decking that is stronger and lighter than materials currently on the market. Although they are aesthetically pleasing, traditional solid wood fences and decks have increasingly been replaced by plastic fence components that are less labor-intensive to construct, lighter in weight, easier to maintain and longer lasting. Advanced Structures and Composites Center researchers have, for a decade, been developing improved composite materials for plastic fence and decking based on the mixing of wood flour (sawdust) and plastic — especially recyclable plastics. These composite fencing and decking materials are more durable and easier to maintain than natural wood alternatives, and have gained widespread market acceptance. However, compared to natural wood, the synthetic wood products lack the strength and stiffness of wood and tend to warp after long-term exposure to the heat of the sun. The newly patented manufacturing method for fencing and decking provides a product superior to natural wood, as well as to previous

methods and materials used in synthetic wood. The technology is currently under consideration by several manufacturers of synthetic wood materials. Contact: Doug Gardner, (207) 581-2846 or douglasg@maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Semester by the Sea

25 Jul 2012

[Click here to view the Semester by the Sea video on YouTube.](#)

Bridge Breakthrough

25 Jul 2012

[Click here to view the Bridge in a Backpack video on YouTube.](#)

Drummond in Press Herald Bee Feature

25 Jul 2012

Frank Drummond, a UMaine professor of insect ecology and insect pest management and a University of Maine Cooperative Extension entomologist, was interviewed for a [Portland Press Herald feature story](#) on mason bees, which are small, passive pollinators considered more effective than honey bees. Drummond, UMaine botanist Alison Dibble, Ph.D., and graduate students Kalyn Bickerman and Eric Venturini visited organic blueberry fields in Montville to examine a grower's mason bee nesting boxes. Drummond said there is renewed interest in native bees because of problems with honey bees caused by colony collapse disorder. Contact: George Manlove, (207) 581-3756

AP Story on Lobsters in Washington Post

25 Jul 2012

The [Washington Post website](#) ran an Associated Press story that included comments from Bob Bayer, director of UMaine's Lobster Institute, about the rise in reports of odd-colored lobsters. Bayer said the waters off Cutler in eastern Maine were once a hotbed for blue ones, after 1,500 larvae-sized blue lobsters were released in 1990 to use as a tracking tool to determine their survival rates. Contact: Jessica Bloch, (207) 581-3777

Economist Comments in Story on Low-Carbon Fuel Standard

25 Jul 2012

UMaine economist Jonathan Rubin was included a report on the [Patch.com website](#) about the National Low Carbon Fuel Standard Project, which seeks to ensure fuels of the future are cleaner and cheaper. Rubin said a low carbon fuel standard encourages innovation and diversity by harnessing market forces. The project released two reports on the low carbon fuel standard during an event last week in Washington, D.C. Contact: Jessica Bloch, (207) 581-3777

Addition to UMaine Wind Laboratory Called Company Milestone

26 Jul 2012

Habib Dagher, director of the University of Maine Advanced Structures and Composites Center, was interviewed for a Hastest Solutions company news release posted on the San Jose [Women's Business Examiner website](#). The company said its role in the design, assembly and recent installation of the three-story environmental wind turbine test chamber at UMaine was a company milestone. Dagher said the new chamber will allow mechanical fatigue testing simultaneously

with environmental cycling, allowing researchers to more realistically test components of offshore structures and turbines. Contact: George Manlove, (207) 581-3756

EPSCoR Staff Member Interviewed for Report

26 Jul 2012

A [Channel 5 \(WABI\)](#) report on Camp Capella, an educational summer camp in Dedham for children and adults with developmental or physical disabilities, included comments from Jenn Dunham, program associate and diversity specialist with the University of Maine's Experimental Program to Stimulate Competitive Research (EPSCoR), which administers National Science Foundation funding for the camp. Dunham said the camp looks to spark children's interest in science, math, technology and engineering. Renewed federal funding allowed the camp to offer a new science and nature course, "Wild Adventures." [Channel 2 \(WLBZ\)](#) also carried a story. Contact: George Manlove, (207) 581-3756

Channel 5 Features Kids' Fitness Camp at UMaine

26 Jul 2012

Channel 5 (WABI) reported on the Strong Mind, Strong Body, Inc. fitness and health summer camp for kids started by former Black Bear football player Roosevelt Boone. Boone, track team member Mary Fagan and football player Jamal Clay were interviewed at the New Balance Student Recreation Center about the activities. Contact: George Manlove, (207) 581-3756

Editorial Cites UMaine Fisheries Research

26 Jul 2012

UMaine fisheries research was cited in an editorial in the [Journal Tribune newspaper](#) of Biddeford about rising levels of acidity in the world's oceans, which is threatening the existence of some fish. The editorial noted UMaine research that showed commercial fishing off the coast of Maine supports 26,000 jobs and generates nearly a billion dollars a year. Contact: George Manlove, (207) 581-3756

Fried Blog Defends Maine Student Performance

26 Jul 2012

In her Pollways blog on the [Bangor Daily News](#) website, UMaine political science professor Amy Fried took issue with Gov. Paul LePage's recent assertions that Maine school students are "looked down upon" nationally. Fried said the governor misrepresented the findings of a recent Harvard University study on how much progress the nation's school students are making in a comparison with other countries' children. Contact: George Manlove, (207) 581-3756

Baseball Musical Opens at UMaine's Summer Music Festival

27 Jul 2012

The University of Maine Summer Music Festival is bringing together two summer traditions - baseball and musical theater - with the new musical comedy "Johnny Baseball," which will open Friday, Aug. 3. "Johnny Baseball" will be shown at 7:30 p.m. on Aug. 3, 4, 10, 11 and at 2 p.m. on Aug. 5 and 12 in UMaine's Hauck Auditorium. The play, which is appearing in Orono as a final preparation before it goes to Broadway, is produced by UMaine's School of Performing Arts in collaboration with New York City-based playwright Richard Dresser and Tony Award-nominated composers Rob and Willie Reale, who also composed the musical "A Year with Frog and Toad." "I met playwright Richard Dresser about a year and a half ago in New Haven, and he offered us the opportunity to help develop the show before it opens on Broadway," says director Tom Mikotowicz, a professor of theater in UMaine's School of Performing Arts. "Rick is a well-established playwright who has been produced on Broadway, as well as internationally, so I knew we should take him up on the offer." The musical was first produced and revised at American Repertory Theatre in June

2010. In preparation for the show, Mikotowicz went to New York City in January to view read-throughs with the potential Broadway cast and to meet the composers. "Johnny Baseball" is about the Boston Red Sox and the legendary "Curse of the Bambino," which fans believe prevented the team from winning the World Series title for 86 years. Although the common belief is that the team is cursed because it sold Babe Ruth to the Yankees, the musical takes the position that the team's struggles happened because the Red Sox were not yet willing to hire black players. The plot of the musical begins in 1918 and revolves around a fictional phenomenal pitcher named Johnny O'Brien, who gains the legendary name Johnny Baseball because of his throwing talent. Johnny, while out nightclubbing with Babe Ruth, falls in love with Daisy, a cabaret singer, and their relationship goes awry due to the pressure exerted by the Red Sox management for Johnny to not be seen in public with her. The story unfolds through the era of American civil rights and sports history to 2004 with current Red Sox player David "Big Papi" Ortiz. "You don't have to be a fan of baseball to enjoy the show with its comedy and great music," Mikotowicz says. The cast is made up of both professional and community actors. UMaine graduate Jon Hawley plays Johnny; recent Wright State University graduate Aziza Macklin plays Daisy; and Dimitri Moise, a junior at New York University's Tisch School of the Arts, plays their son, Tim. The musical director is Lud Hallman, the set designer is Dan Bilodeau and the costume designer is Lucia Williams-Young, all from the School of Performing Arts. Tickets are \$14 for adults and \$7 for students and are available online at <http://www.umaine.edu/spa> or at the door. The musical contains some mature language. Contact: Monique Hashey, (207) 581-4721; Jessica Bloch, (207) 581-3777

Cosgrove Quoted in Press Herald Column

27 Jul 2012

Comments from UMaine football coach Jack Cosgrove were included in a [Portland Press Herald](#) sports column about trying to make sense of the events surrounding abuse at Penn State and the ensuing penalties to the university. Cosgrove said he is disappointed in former coach Joe Paterno, of whom he had high expectations. Contact: Jessica Bloch, (207) 581-3777

University of Maine Unveils New Comprehensive Strategic Plan

18 Jul 2012

University of Maine President Paul Ferguson officially released on June 9 a strategic plan that creates a blueprint for the state's flagship public university to become one of the most distinctive universities in the country for student achievement and community engagement.

UMaine Unveils New Strategic Plan

01 Aug 2012

ORONO, Maine – University of Maine President Paul Ferguson today officially released a strategic plan that creates a blueprint for the state's flagship public university to become one of the most distinctive universities in the country for student achievement and community engagement. The plan, "The Blue Sky Project: Reaffirming Public Higher Education at Maine's Flagship University," was accepted by the University of Maine System trustees at their board meeting in Bangor today. "This plan isn't just about making the University of Maine a bigger, better and more financially sustainable institution," says Ferguson. "It also is about reconnecting the university to the people of Maine so that we can have a major impact on the future growth and prosperity of our state in the 21st century." The plan is centered around investing in UMaine's existing areas of distinction and launching a number of new initiatives to better align the university's resources and programs with the needs of the state. It outlines five strategic pathways, summarized as the "Five M's," and a series of related initiatives and strategies to transform UMaine in the next five years:

- **Maine's Renewal** – Ensure that UMaine teaching, research, outreach, workforce and economic development program excellence are in close alignment with Maine's priority needs. Initiatives include increasing campus/private sector partnerships by 50 percent in the next five years, and aligning technology and educational programs with Maine's economic infrastructure needs.

- **Money and Management** – Optimize operating efficiencies and control expenditures within a financially sustainable business model, and seek new and entrepreneurial revenue sources. Initiatives include a new enrollment management unit and a plan to potentially increase enrollment to 15,000 (from 11,168 in 2012), increasing the number of out-of-state and international students, and increasing academic partnerships with Maine’s community colleges.
- **Morale and Marketing** – Invest in faculty and staff professional development, refresh the UMaine brand and improve communication among all constituencies. Initiatives include establishing consistent and high-quality brand standards to better promote UMaine, harnessing the goodwill of alumni for student internships and career networking, and promoting UMaine’s role in athletics as the state’s only NCAA Division I school.
- **Mentoring and Modeling** – Promote undergraduate and graduate opportunities for student success, including value-added residential life, research fellowships, internships, and more effective advising and learning environments. Initiatives include developing new models for learning to better prepare graduates for meaningful jobs and lives, establishing an outcomes-based assessment of all academic programs, and increasing the number of externally funded opportunities for hands-on student research.
- **Master Plan and Maintenance** – Restore and create UMaine’s physical plant and technology infrastructure to ensure a vibrant place of learning and discovery. Initiatives include a Total Cost of Ownership (TOC) approach to managing UMaine’s \$1 billion in infrastructure and real estate, fully funding appropriate levels of campus upkeep and beautification, and continuing to implement campus sustainability initiatives.

Ferguson, who came to UMaine in July 2011 and was formally inaugurated as the 19th president this past April, began the “Blue Sky” project shortly after arriving on campus. From November 2011 to April of this year, a 26-member leadership team, made up of faculty, staff, students and alumni, met weekly to develop the plan. More than 30 informational meetings attracted hundreds of participants and more than 250 contributors submitted “blue sky ideas.” “This has been a comprehensive, inclusive process that has united the entire University community around a renewed sense of pride, purpose and commitment to serving the people of Maine,” Ferguson says. “There is much work to be done, but we see blues skies ahead for this great University and the State of Maine.” About UMaine: The University of Maine, founded in 1865, is the state’s premier public university, located in the town of Orono. As Maine’s land-grant university and the flagship institution in the University of Maine System, it is among the most comprehensive higher education institutions in the Northeast, attracting students from across the U.S. and more than 60 countries. It currently enrolls 11,168 total undergraduate and graduate students who can directly participate in groundbreaking research working with world-class scholars. Students are offered more than 90 undergraduate majors and programs, 75 master’s degree programs, 30 doctoral programs and one of the oldest and most prestigious honors programs in the U.S. The university promotes environmental stewardship on its campus, with substantial efforts aimed at conserving energy, recycling and adhering to green building standards in new construction. [Download the Blue Sky Plan Here. \(PDF\)](#)
Contact: Margaret Nagle, (207) 581-3745

Newspaper Story Profiles Computer Network

27 Jul 2012

A [Portland Press Herald](#) story about the Three-Ring Binder high-speed computer network that has been installed in Maine included a comment from Jeff Letourneau, executive director of NetworkMaine, a unit of the University of Maine System, who is based on the UMaine campus in Orono. Letourneau told the Press Herald the driver behind the project was to make sure the more rural campuses had the level of service and capacity as the rest of the system.
Contact: Jessica Bloch, (207) 581-3777

Cooperative Extension Noted in Report on Ash Borer

27 Jul 2012

In a report on the advance of the emerald ash borer beetle in New England, the Portland Press Herald noted University

of Maine Cooperative Extension information about the impact of the ash tree in Maine. The fruit of the ash tree provides food for animals such as quail, wild turkey, grouse, grosbeaks and other songbirds, while young twigs and leaves provide vegetation for deer and moose, according to the UMaine Extension materials. Contact: Jessica Bloch, (207) 581-3777

Wired Website Runs Q&A with Ippolito

27 Jul 2012

A question-and-answer session with Jon Ippolito, UMaine associate professor of new media, that was done by the website Techno Arte News, was published on the website for [Wired magazine](#). Ippolito discussed the complexities of the preservation of media art. Contact: Jessica Bloch, (207) 581-3777

Weekly Notes UMaine Extension Hops Research

27 Jul 2012

The [weekly Free Press of midcoast Maine](#) interviewed University of Maine Cooperative Extension fruit and vegetable specialist David Handley about growing hops for beer. Handley said people who want to grow hops should be cautious and keep in mind that in the early 1900s, exacerbated by the region's moist climate, an outbreak of downy mildew (or "blue mold") all but wiped out the hop crops in the Northeast. He discussed a trial he started two years ago at UMaine Extension's Highmoor Farm in Monmouth. Contact: Jessica Bloch, (207) 581-3777

UMaine Student Passes Away

30 Jul 2012

University of Maine senior Shirley Ladd from Barnstead, N.H., died July 28 from injuries she sustained earlier that day while hiking in Acadia National Park. She was 22. Ladd was a psychology major with a minor in business administration who worked in the New Balance Student Recreation Center on campus, most recently as a student building manager. She had been a member of the UMaine community since 2008. "Our thoughts are with her family, friends and the many people on campus who knew and loved her, and whose lives she touched," says Robert Dana, UMaine vice president for student affairs and dean of students. "As one of our student managers at the Fitness Center, she was well known for her outgoing personality and customer service. She was always ready with a smile. Shirley was a strong leader among her peers. She will be missed by so many in our community." Any student affected by this who would like an opportunity to talk with someone, please contact the UMaine Counseling Center, 581-1392. Faculty and staff with similar concerns can contact the Employee Assistance Program, 581-4014. Funeral arrangements will be posted on the UMaine News website as soon as they are available. Contact: Jessica Bloch, (207) 581-3777

Lecturer to Speak About The Importance of Global Resilience

30 Jul 2012

Jorg Imorger, the director of the Centre for Water Research at the University of Western Australia, will give a University of Maine Correll Presidential Lecture Series keynote address at 4:30 p.m. on Friday, Aug. 3 in Wells Conference Center. The talk is free and open to the public. Imorger's talk, "Building Resilience: Recognizing There is a Next Generation," will focus on the importance of and suggestions for building global resilience for our benefit and the benefit of the next generation. Imorger will discuss the way nature evolved over the last five million years and provide an explanation of the 100,000 year periodicity of the interglacial cycle; change in the name of progress in the 1900's that has led to anthropogenic emission, losses of natural habitat, economic globalization and rise of wealth inequality; and the challenge for the 21st century to harness technology to return mental and physical well being. He will describe some advances in new technologies and show how they could be harnessed to redress the imbalance that has developed in the last 50 years. UMaine President Paul Ferguson will provide a welcome address and Krish Thiagarajan, the Correll Presidential Chair in Energy in UMaine's College of Engineering, will introduce Imorger. Imorger is the Winthrop Professor of Environmental Engineering at the Centre for Water Research, and vice chancellor and distinguished fellow

at the University of Western Australia. His research interests include motion and mixing in lakes, estuaries and coastal seas; the dependence of aquatic ecological systems on transport and mixing processes; and the application of this combined knowledge to the sustainable management of river basins. The lecture is the second in the University of Maine Correll Presidential Lecture Series sponsored by the Alston D. and Ada Lee Correll Professorships in Education, Engineering and New Media, and the President's Office at the University of Maine. Contact: Victoria Blanchette, (207) 581-2204

News Media Report Student's Death

30 Jul 2012

Several news organizations, including the [Portland Press Herald](#), [Bangor Daily News](#), Channel 5 (WABI) (<http://www.wabi.tv/news/32134/update-name-of-new-hampshire-hiker-who-fell-off-trail-in-acadia-national-park-released>), and Channel 2 (WLBZ) reported on the death Saturday of 22-year-old UMaine student Shirley Ladd, who died from injuries suffered in a fall in Acadia National Park earlier in the day. Ladd, a psychology major with a minor in business administration, worked in UMaine's New Balance Student Recreation Center as a building manager. The Huffington Post ran an Associated Press story.

Contact: George Manlove, (207) 581-3756

Horticulturist in Sunday Telegram Gardening Column

30 Jul 2012

The [Maine Sunday Telegram](#) interviewed University of Maine Cooperative Extension ornamental horticulturist Lois Berg Stack for a column about early blooming garden flowers. Stack said although some flowers may have blossomed early this year, plenty of late summer and fall flowers have yet to bloom. Contact: George Manlove, (207) 581-3756

UMaine Extension's Yarborough Interviewed for Blueberry Crop Report

30 Jul 2012

University of Maine Cooperative Extension blueberry specialist David Yarborough was interviewed for an Associated Press article about this year's bountiful blueberry crop. The report appeared in the [Portland Press Herald](#), [Bangor Daily News](#) and on Channel 6 (WCSH). Yarborough said he estimates this year's crop will yield between 90 million to 95 million pounds of wild blueberries, which could be the largest crop since 2000. The Dutch agricultural [website FreshPlaza](#) also carried a report. Contact: George Manlove, (207) 581-3756

Bayer Comments on Lobster Prices

30 Jul 2012

Robert Bayer, director of the University of Maine's Lobster Institute, was interviewed for several news reports on lobsters, which are currently plentiful and inexpensive in Maine. The [Manchester Union Leader](#) published a story on Canadian imports of [Maine lobsters and The Day](#) of New London, Conn. carried an article, which also appeared in the [Bangor Daily News](#), about the excess of soft-shell lobsters. Bayer said the abundance of soft-shell lobsters has driven the price down. Contact: George Manlove, (207) 581-3756

Markowsky Noted in Cybersecurity Article

30 Jul 2012

University of Maine professor of computer science and expert in cybersecurity, was interviewed for an article in the [Portland Press Herald](#) about the vulnerability of the nation's cyber infrastructure. The article included comments from

U.S. Congresswoman Susan Collins, a co-sponsor of a bill designed to strengthen the country's defense against computer-borne attacks that threaten economic mayhem, according to the article. Contact: George Manlove, (207) 581-3756

Newspaper Features UMaine Deck, Fence Patent

30 Jul 2012

The [Bangor Daily News](#) carried a report on a patent several University of Maine researchers received for a manufacturing process for composite deck and fence material. The patent was issued to Doug Gardner, UMaine professor of forest resources; Chris West, a research associate at UMaine's Advanced Structures and Composites Center; Yousoo Han, a UMaine assistant research professor; and Stephen Michalik, a researcher at NOVA Chemicals' Beaver Valley Technology Center in Monaca, Pa. Contact: George Manlove, (207) 581-3756

BDN Reports Assistant UMaine Track Coach in Olympics

30 Jul 2012

The [Bangor Daily News](#) published an article about former UMaine track and field standout Viktoriya Rybalko, now an assistant track coach at UMaine, who is scheduled to compete Aug. 7 in the women's long jump in the 2012 Olympics in London. This will be the second Olympics in which she has competed. Contact: George Manlove, (207) 581-3756

UMaine Honors Dean Passes Away

30 Jul 2012

Charles Slavin, dean of the University of Maine Honors College and an associate professor of mathematics, died unexpectedly this morning in his Orono home. He was 58. Slavin joined the UMaine mathematics faculty Sept. 1, 1984. He was named director of the Honors Program in 1997. Among the many achievements during his tenure as director was the transition of the Honors Program, one of the country's oldest, into a college in 2002. "Charlie Slavin was one of our most highly regarded colleagues, campus leaders and dear friends," said University of Maine President Paul Ferguson. "All of us who knew Charlie were enriched by his love of life, his love of family and, for us in the academy, his love of scholarship. Although we will deeply miss our daily interactions with him, his presence and impact will be felt for decades to come." Susan Hunter, senior vice president for academic affairs and provost, said Slavin was a beloved figure on campus. "He was absolutely dedicated to the mission of the University of Maine and the Honors College," she said. "He will be sorely missed by his students and his colleagues." Slavin received an A.B. in mathematics from Princeton University in 1976, and a master's and Ph.D. in mathematics from the University of Wisconsin in 1980 and 1984, respectively. Slavin is survived by his wife Nancy Hall, an associate professor of communication sciences and disorders, and his children. Slavin's obituary is online. Contact: Margaret Nagle, (207) 581-3745

From the Lab to the Field

01 Aug 2012

A collaborative University of Maine Aquaculture Research Institute project to extend Integrated Multi-trophic Aquaculture (IMTA) to Maine and investigate potential disease benefits is being put to the test in the field. Last month, UMaine graduate student Michael Pietrak went to Machiasport, Maine, to observe the deployment of a mussel raft containing thousands of pounds of seed mussels that was placed on a salmon farm owned by Cooke Aquaculture. ARI researchers will return periodically to look for potential disease benefits including the possible reduction of the infectious pressure of sea lice.

UMaine Researchers Featured in Museum Video

31 Jul 2012

University of Maine Climate Change Institute researchers Aaron Putnam and Toby Koffman are among those featured in a [video](#) being shown at the American Museum of Natural History in New York City about how a new technique called surface exposure dating can help them analyze how the climate has changed over time. The video "Shrinking Glaciers: A Chronicle of Climate Change," includes footage and interviews of Putnam and Koffman in New Zealand, where they took samples from the rocky landscape once dominated by glaciers. Denton, a glacial geologist and Climate Change Institute faculty member, is also involved in the research. "Shrinking Glaciers" is playing in the museum's Hall of Planet Earth on a 12-foot Earth Bulletin Screen and at more than a dozen other science institutions. Surface exposure dating uses chemical analysis to determine how long minerals within rocks have been exposed to the air since the glaciers around them melted, according to a synopsis of the video. Comparisons of this data with other climate records have revealed a link between glacial retreat and rising levels of carbon dioxide in the air. Contact: Jessica Bloch, (207) 581-3777

Radio Report Highlights Organic Milk Research

31 Jul 2012

[A report](#) on Maine Public Broadcasting Network radio features University of Maine Cooperative Extension professor of sustainable dairy and forage systems Rick Kersbergen, who is involved in a U.S. Department of Agriculture study on improving the marketability of organic milk. Kersbergen said the study looks at trying to decipher what forages and what pasture mixes might change the composition of milk to contain more conjugated linoleic acid, which is considered the good fat in milk. Contact: Jessica Bloch, (207) 581-3777

Report on Death of Honors College Dean

31 Jul 2012

The [Bangor Daily News](#) reported on the death Monday of Charlie Slavin, longtime UMaine Honors College dean and mathematics professor. The report included comments from state Rep. Emily Cain, an Honors College graduate who now works there as the coordinator of advancement. A [University of Maine news release](#) has additional information. Contact: George Manlove, (207) 581-3756

Gardner Interviewed for Composite Deck Patent

31 Jul 2012

[Channel 7 \(WVII\)](#) interviewed University of Maine professor of wood science and technology Doug Gardner at UMaine's Advanced Structures and Composites Center about a manufacturing process for composite materials designed to advance the longevity of deck and fence construction materials. Gardner, UMaine research colleagues Chris West and Yousoo Han, and a researcher in Pennsylvania received a patent for the manufacturing process. Contact: George Manlove, (207) 581-3756

Media Coverage of Student Hiking Death

31 Jul 2012

Several news organizations, including the [Daily Mail](#) in the United Kingdom, continued coverage of the accidental death Saturday of UMaine student Shirley Ladd, who fell from a mountain trail in Acadia National Park. The CBS News Travel Section also carried a report. Local news stations Channel 2 (WLBZ) and Channel 5 (WABI) interviewed Jeff Hunt, director of the New Balance Student Recreation Center where Ladd worked. He described the 22-year-old as outgoing, friendly and vibrant. Contact: George Manlove, (207) 581-3756

Fried Op-Ed Assesses U.S. Chamber King Attack Ad

31 Jul 2012

In her [Bangor Daily News blog Pollways](#), University of Maine political scientist and commentator Amy Fried discusses flaws in the logic and message of a U.S. Chamber of Commerce attack ad vilifying former Maine Gov. Angus King, who is running for U.S. Senate. Fried called the ad “weird” and “nonlogical.” Contact: George Manlove, (207) 581-3756

Study Finds Link Between Women in Power, Sexual Harassment

01 Aug 2012

Study finds link between women in power, sexual harassment Women who break the glass ceiling of professional advancement also face increased incidence of sexual harassment from coworkers and subordinates, according to new research by sociologists at the University of Maine and University of Minnesota. Traditional characterizations of workplace harassment typically portray male supervisors harassing female subordinates, but “power-threat” theories suggest that women in authority may be more frequent targets. In spite of progressive legal and organizational responses to sexual harassment over the past few decades, the cultural image of harassers and targets hasn't kept pace with changing workplace realities, according to UMaine sociologist Amy Blackstone and her research colleagues. The study offers “the strongest evidence to date on the interaction of sex, gender and power in predicting sexual harassment,” say Blackstone, UMaine alumna Heather McLaughlin, now a Ph.D. candidate at the University of Minnesota, and Christopher Uggen, a University of Minnesota sociology professor. The research analyzed data from the longitudinal Youth Development Study started in 1988 in Minnesota with more than 1,000 St. Paul ninth-graders. Researchers interviewed 33 of the study participants in 2002 and 2003, when they were in their late 20s, to test their hypotheses and delineate why and how supervisory authority, gender nonconformity and workplace sex ratios affect harassment. “Sexual harassment can serve as an equalizer against women in power, motivated more by control and domination than by sexual desire,” say the researchers, whose findings will be published in August in the journal *American Sociological Review*. “Interviews point to social isolation as a mechanism linking harassment to gender nonconformity and women's authority, particularly in male-dominated work settings.” The study found some consistencies: 58 percent of female supervisors in predominantly male work environments are likely to experience harassment, while 42 percent might expect harassment in female dominated workplaces. “Women supervisors who hold authority over some men directly challenge the presumptive superiority of men,” the researchers write. “When women are able to crack the glass ceiling and attain leadership positions, stereotypical gender beliefs about their 'natural' abilities continue to shape perceptions of their job performance.” Whereas men in traditionally female occupations can be rewarded for their advancement to leadership, women advancing in male-dominated environments can be isolated and seen as undeserving of their positions, the researchers found. The study also revealed more varied incidents of sexual harassment of female supervisors than occur in a “typical harassment scenario” involving a male boss and a female subordinate, although staring, leering and unwelcome touching were the most common offenses. Contact: Amy Blackstone, (207) 581-2392

Exploring a Glacier in Chile

01 Aug 2012

[Click here to watch the Garrand-Andes Expedition 2011 video on YouTube.](#)

Sweet Season

01 Aug 2012

[Click here to view the Preserving Raspberries: Freezing, Jams & More video on YouTube](#)

UMaine Faculty Members Taking Students to Chile

01 Aug 2012

University of Maine Forest Bioproducts Research Institute faculty members David Neivandt and Douglas Gardner will accompany 10 undergraduate students from across the country on a weeklong trip to Chile as part of a National Science

Foundation Research Experiences for Undergraduates (NSF REU) program, a 10-week summer research experience based at UMaine and funded by the NSF. Gardner, Neivandt and the students leave Friday afternoon from Bangor International Airport and will be in Chile for one week. The students have been at UMaine this summer doing research with faculty and graduate mentors who are affiliated with FBRI or the University of Concepcion-UDT. The students are conducting research advancing their general knowledge of the sustainable forest bioproducts field and specifically in the areas of sustainability and life cycle analysis; feedstock extraction and modification; process control and sensing; nanomaterial production and utilization; and new product development. In Chile, the group will take field trips to forest products manufacturing facilities and Chilean forests (native and plantations). The students will present the results of their work in a video conference back to UMaine on Aug. 9. Additional non-NSF REU funded students, including two Chilean students on a mutual exchange with two U.S. students, have also been participating. The students' home schools include Medgar Evers College; University of Puerto Rico, Mayaguez; Connecticut College; Moorpark College; University of Illinois at Urbana-Champaign; Virginia Tech; Westminster College; University of Connecticut; Worcester Polytechnic Institute; Federal University of Sao Carlos; University of Concepcion-UDT; Bates College; McGill University; and the University of Maine. Neivandt, who is the principal investigator for the NSF REU, is an associate professor of chemical and biological engineering and the director of product development for UMaine's Pulp and Paper Process Development Center. Gardner is a professor of forest operations, bioproducts and bioenergy, and the leader of the Nanocomposites Research Group. Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Sculpture Symposium Holding Thursday Artist Talks

01 Aug 2012

The Schoodic International Sculpture Symposium, a six-week event that has brought eight internationally known sculptors to the University of Maine campus in order to create works of public art for spaces in Bangor, Old Town and Orono, will hold an artist talk each Thursday, starting Aug. 2, during symposium. The talks are free and open to the public. They will be held from 7 p.m. to 8:30 p.m. in the McIntire Room of Buchanan Alumni House on the UMaine campus. The schedule is as follows:

- Aug. 2: Hwang Seung-Woo and Tim Shay
- Aug. 9: Andreas Von Huene and Johnny Turner
- Aug. 16: Koichi Ogino and Ton Kalle
- Aug. 23: Shan-Chi Teng and Lee Zih-Cing

The symposium, which is being held this year in partnership with UMaine, is located in the Steam Plant parking lot on College Avenue in Orono. The site is free to visit and open to the public from 9 a.m. to 5 p.m. seven days a week until the symposium closes on Aug. 30. Contact: Tilan Langley, (207) 263-6057 or tilan@schoodicsculpture.org; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Wind Industry Website Notes UMaine Research

01 Aug 2012

The [website "north American WINDPOWER"](#) posted an article about the engineering challenges facing Sandia National Laboratory's wind energy researchers who are designing, with University of Maine engineering research assistance, floating vertical-axis wind turbines to be erected and moored off the Maine coast. The article also mentions related collaborative work involving Iowa State University, TPI Composites, TU-Delft and Texas A&M University. Contact: George Manlove, (2307) 581-3756

Concord Monitor Reports on Student's Death

01 Aug 2012

The [Concord Monitor newspaper](#) in New Hampshire published an extensive article about the loss being felt at the University of Maine over the weekend of a student from Barnstead, N.H. who worked at UMaine's New Balance Student Recreation Center. Friends and co-workers of 22-year-old Shirley Ladd, who succumbed to injuries suffered in

a fall from a mountain hiking trail at Acadia National Park Saturday, described their sense of loss and said Ladd was vibrant and inspiring. The [New York Daily News also reported](#) on Ladd. Contact: George Manlove, (207) 581-3756

Newspaper Story Reports on Possibility of Gillette Stadium Game

01 Aug 2012

UMaine athletic director Steve Abbott was interviewed for a [Bangor Daily News story](#) about the possibility of the UMaine football playing a game at Gillette Stadium in Foxborough, Mass., during the 2013 season. Abbott said UMaine is negotiating to play the University of Massachusetts at the stadium, which is known as the home of the New England Patriots. Abbott said he is hoping the game will generate a buzz similar to that of the UMaine men's hockey team's appearance in the "Frozen Fenway" event last January at Fenway Park, home of the Boston Red Sox. Contact: Jessica Bloch, (207) 581-3777

KTA Noted in Student Opinion Piece on Economic Development in Maine

01 Aug 2012

[In an opinion piece](#) about bridging the gaps in Maine's economic development that was published in the Bangor Daily News, Charles Hastings, a second-year MBA student at UMaine, noted UMaine's Knowledge Transfer Alliance (KTA) and the contributions it makes to businesses. KTA, Hastings wrote, has worked to help businesses create business plans, conduct general business and survive. He noted that KTA's funding is about to expire, and that the state needs KTA-like services all across the Maine to incubate new businesses. Contact: Jessica Bloch, (207) 581-3777

Sculpture Symposium Featured in TV Report

01 Aug 2012

[Channel 2 \(WLBZ\) reported](#) on the Schoodic International Sculpture Symposium, which is taking place in UMaine's Steam Plant parking lot. The symposium, which is being held in partnership with UMaine, features eight artists creating public sculptures for sites in Bangor, Old Town and Orono, including three for the UMaine campus. The report interviewed Indian Island sculptor Tim Shay, whose piece will be located at Nutting Hall. Contact: Jessica Bloch, (207) 581-3777

Batter Up!

02 Aug 2012

[Click here to view Johnny Baseball video on YouTube](#)

UMaine Women's Basketball Coach Bringing Big Names to Clinic

02 Aug 2012

Several Hall of Fame coaches, including former Mississippi and Louisiana State coach Van Chancellor, and other familiar names will participate in the UMaine women's basketball team's first Coaches Clinic at 9 a.m. on Sunday, Sept. 16. Chancellor also guided the Houston Comets to four WNBA championships and the U.S. national team to an Olympic gold medal. He is a member of both the Women's Basketball Hall of Fame and the Naismith Memorial Basketball Hall of Fame. Gary Blair, the coach of the 2011 national championship Texas A&M team, is also expected to attend. Other coaches scheduled to appear are Theresa Grentz, a Hall of Fame coach who was a member of the three-time national championship Immaculata College and has coached at Illinois, Rutgers and St. Joseph's; NBA/WNBA skill instructor Ganon Baker; current UMaine head coach Richard Barron; and former longtime Colby College men's basketball coach Dick Whitmore. There will also be a coaches' social Sunday evening. All coaches who attend the clinic are invited to play in an 18-hole golf tournament starting at 8 a.m. on Monday, Sept. 17, at the Penobscot Valley Country Club in Orono. Baker will conduct a skills clinic for boys and girls ages 11 and over from 10 a.m. to 1 p.m. on

Saturday, Sept. 15, at Cony High School in Augusta for a fee of \$60. Coaches at all levels, including middle schools, high schools, AAU teams and colleges, are welcome to attend. The preregistration fee is \$100 and \$150 for those who wish to participate in the golf tournament. Preregistration is due Sept. 10. Those who register the day of the event will pay \$125 for the clinic. Lunch will be provided. Hollywood Casino Hotel in Bangor is offering a special room rate of \$89 per night for Saturday and Sunday. To take advantage of the special rate, call the hotel at 1-877-779-7771 and mention the University of Maine Coaches Clinic special rate. For more information and to register for the Coaches Clinic and Golf Classic, please contact Tracy Guerrette, director of women's basketball operations, by e-mail at tracy.guerrette@umit.maine.edu or by phone at (207) 581-1075. Registration on the day of the clinic will begin at 8:30 a.m.

Channel 2 Profiles Slavin, Toast Planned

02 Aug 2012

For a feature report on the personality and legacy of University of Maine Honors College Dean and math professor Charlie Slavin, who died unexpectedly this week, Channel 2 (WLBZ) interviewed several colleagues and an Honors College graduate who remembered Slavin fondly. Samantha Paradis, who graduated in May with a double major in history and theater, said Slavin taught her about passion and dedication. Sue Hunter, vice president for academic affairs and provost, and Emily Cain, coordinator of advancement in the Honors College and a state representative from Orono, said Slavin was a popular friend and mentor to the entire campus community who transformed and expanded the Honors College. Some 700 former students, friends and colleagues of Slavin, dispersed throughout the world, plan to raise a stein this evening at 10 p.m. EST in honor of Slavin, according to a [Bangor Daily News](#) article and a [Facebook page](#) dedicated to the event. Contact: George Manlove, (207) 581-3756

PhysOrg Website Posts Report on Women in Power

02 Aug 2012

The [PhysOrg.com website](#) posted a UMaine news release about a recent study and journal article by UMaine sociology professor Amy Blackstone on her research findings that female supervisors, somewhat surprisingly, are frequent targets of sexual harassment by colleagues and subordinates. Contact: George Manlove, (207) 581-3756

Channel 2 Features UMaine's Foster Center

02 Aug 2012

Channel 2 (WLBZ) interviewed Jesse Moriarity, coordinator for UMaine's Foster Center for Student Innovation, which helps entrepreneurial UMaine students develop business and marketing plans for new ideas. Ph.D. candidate James Beaupre, a partner with UMaine political science graduate Nate Wildes in Stillwater Poster Company, which operates out of the Foster Center, also was interviewed for the piece. Contact: George Manlove, (207) 581-3756

TV 7 Reports Student Support for Upward Bound

02 Aug 2012

[Channel 7 \(WVII\)](#) interviewed a group of students who shared success stories they said were made possible by UMaine's Upward Bound, a federally funded program that helps students transition from high school to college. Funding has been cut drastically for the program nationwide, but U.S. Rep. Mike Michaud of Maine said Wednesday the program is important and "too valuable" to let go. Contact: George Manlove, (207) 581-3756

Newspaper Report on UMaine Extension Meeting with USDA Official

02 Aug 2012

[Foster's Daily Democrat](#) reported on a meeting with Maine native, current U.S. Department of Agriculture

Undersecretary Kevin Concannon and University of Maine Cooperative Extension educators Barb Murphy and Frank Wertheim and others in the Partners for a Hunger-Free York County collaborative. They met in Alfred, Maine, to discuss efforts to end hunger in York County and how the USDA can help. Contact: George Manlove, (207) 581-3756

UMaine Astronomer Available for Monday Mars Landing Commentary

03 Aug 2012

University of Maine physics and astronomy professor Neil Comins, an expert on space, space travel, the planets, and author of many books on the subject, is available to discuss the significance of the planned Mars landing at 1:31 a.m., Monday, Aug. 6 of NASA's largest research rover Curiosity. Comins can discuss how the success or failure of the complex multiple-stage, 7-minute landing might affect future space exploration and NASA. The event will be broadcast live beginning at 11:30 p.m. Sunday by [NASA Television](#). The spacecraft carrying the rover has been speeding toward the red planet since November 2011. A Christian Science Monitor article has more information about the \$2.5 billion project. Contact: Ron Lisnet, (207) 581-3778; George Manlove, (207) 581-3756

Student Noted in Story About Clothing Business

03 Aug 2012

In a story on the [Biddeford-Saco-OOB Courier website](#), UMaine student Neil St. Cyr was included for starting a new pop-up clothing business in a Main Street storefront in Biddeford. The store will be open until Aug. 31 as part of the Heart of Biddeford's program to provide positive youth experiences and promote entrepreneurship in the downtown area. Many of the items will be discounted and St. Cyr and his partner have had to learn how to take credit cards, how they will display the clothing and how they will market the shop, according to the article. Contact: Jessica Bloch, (207) 581-3777

Baseball Musical Recommended as Weekend Activity

03 Aug 2012

The UMaine Summer Music Festival production of "Johnny Baseball" was recommended in the Culture Shock blog on the [Bangor Daily News website](#) as one of the top things to do in Maine this weekend. The show, which was noted as a "very unique treat," is a new musical being readied for a Broadway debut next year. Performances start at 7:30 p.m. Friday. For more information, see the School of [Performing arts website](#). Contact: Jessica Bloch, (207) 581-3777

Composites Research Mentioned in Article

03 Aug 2012

Research at UMaine's Advanced Structures and Composites Center was mentioned in a report on the [Composites World website](#) about the use of the resin infusion process in fiberglass composites. The story noted UMaine is investigating thermoplastic composite wind blades that could mean better performance under extreme heat. Contact: Jessica Bloch, (207) 581-3777

Advance on Coaches Clinic

03 Aug 2012

The [Bangor Daily News](#) ran an advance on a Sept. 16 UMaine clinic for basketball coaches. The clinic will feature several nationally known Hall of Fame women's coaches, including Van Chancellor and Theresa Grentz, along with Gary Blair, head coach of the 2011 national champion Texas A&M team. UMaine women's basketball head coach Richard Barron told the newspaper he thinks the high-level coaches who will conduct the clinic are willing to come to Orono because they appreciate a community that supports women's basketball. Contact: Jessica Bloch, (207) 581-3777

TV Report on Student's Mississippi River Adventure

03 Aug 2012

Bangor TV station WABI reported on UMaine student Benton Purnell, who recently completed a 67-day canoe trip that took him the entire 2,500-mile length of the Mississippi River. Purnell said in an interview the trip came about when his father encouraged him to do something interesting this summer. He started in northern Minnesota, where he struggled with cold and wildlife, and faced leeches, bug bites, fallen trees and impassible marshes en route to Louisiana. Purnell, who said the trip was a lesson in self-reliance, donated his canoe and camping supplies to a Boy Scout troop in New Orleans. Contact: Jessica Bloch, (207) 581-3777

UMaine Custodian Passes Away

06 Aug 2012

Joseph Hunt, a third-shift custodian II on campus, died Aug. 3 at a Bangor hospital after a short illness. He was 57. Hunt had been a member of the UMaine community since 2008. According to his obituary, he requested there be no public service. More information is online. Contact: Margaret Nagle, (207) 581-3745

UMaine President's Goals Lauded in Editorial

06 Aug 2012

An editorial in the [Portland Press Herald](#), Kennebec Journal and Morning Sentinel praised UMaine President Paul Ferguson's recently released "Blue Sky Project: Reaffirming Public Higher Education at Maine's Flagship University" report and endorsed the president's observation that UMaine can do more to inform the public about the university's strengths and contributions to the state. The Blue Sky plan calls for increased student enrollment and retention initiatives, among other ideas. The editorial also said the state should fully support UMaine's research and development programs, which bring in more than \$100 million a year in federal funds, most of which are dispersed throughout the state economy. Contact: George Manlove, (207) 581-3756

Article Chronicles UMaine Student's Nursing Home Stay

06 Aug 2012

An article in the [Lewiston Sun Journal chronicled](#) a weeklong stay at a Lewiston nursing home by University of Maine Nursing student Jana Kenney of Bangor, who wanted to experience firsthand what life is like for many geriatric residents before she graduates in December and heads to medical school. She said the experience, made possible by a Learning by Living program offered by the University of New England College of Osteopathic Medicine, was life-changing and an indelible lesson about compassion. Portland television station WGME carried an Associated Press version of the story. Contact: George Manlove, (207) 581-3756

Sunday Telegram Advances Extension's 'Locavore' Weekend

06 Aug 2012

In his [Maine Gardener column](#), Maine Sunday Telegram writer Tom Atwell discussed his personal involvement with the University of Maine Cooperative Extension's Backyard Locavore Day and garden tours Saturday, Aug. 12 in Cumberland County. He credited Extension horticulture coordinator Diana Hibbard for getting the word out, and quoted Cumberland County Extension food preservation specialist Kate McCarty, who explained what members of the public can expect to see when they visit any of the southern Maine gardens that are part of the tour. Contact: George Manlove, (207) 581-3756

Newspapers Report Ongoing Investigation in Student Death

06 Aug 2012

The [Bangor Daily News](#) published an article about the ongoing investigation into the death July 28 of UMaine student Shirley Ladd, a 22-year-old New Hampshire resident who fell from a steep mountain trail in Acadia National Park. The [Seacoastonline.com newspaper](#) group in southern Maine also carried the report. Investigators said they want to determine exactly what happened. Contact: George Manlove, (207) 581-3756

Bangor Daily News Reports Chilean Forestry Trip

06 Aug 2012

The [Bangor Daily News](#) carried an article about University of Maine Forest Bioproducts Research Institute faculty members who are leading a group of college students from across the country on a weeklong field trip to Chile to study forest sustainability and forest products manufacturing. FBRI faculty members David Neivandt and Douglas Gardner are teaching a 10-week summer research course funded by the National Science Foundation. A [UMaine news release has additional information](#). Contact: George Manlove, (207) 581-3756

Fried Blog Examines Governor's Claim about Maine Education

06 Aug 2012

In her [Bangor Daily News opinion blog](#), Pollways, University of Maine political scientist Amy Fried discussed possible scenarios about how Gov. Paul LePage could have been so wrong in his assertion recently that Maine college-bound students are held to different standards when applying to out of state colleges and universities. The governor has said Maine students are “looked down upon” by some admissions offices. Contact: George Manlove, (207) 581-3756

Comins Discusses Mars Landing

07 Aug 2012

University of Maine physics and astronomy professor Neil Comins, author of many books on space, space travel, planets and the universe, was a guest on [The Pulse morning radio talk show](#), and discussed (60 minutes into the show) the importance of the nation's space program and the successful early Monday landing of NASA's Mars rover Curiosity. Comins said exploration of space yields information and research beneficial in many ways beyond individual space missions. Comins also spoke with [Channel 5 \(WABI\)](#) for a report on the Curiosity mission. Contact: George Manlove, (207) 581-3756

Segal Comments on Anniversary of A-Bomb Use

07 Aug 2012

University of Maine professor of history Howard Segal was a guest on [The Pulse morning radio talk show](#) Aug. 6, discussing the 67th anniversary of American forces dropping atomic bombs on Hiroshima and Nagasaki, Japan, to end World War II. Segal offered perspectives (about 2 hours, 5 minutes into the program) on the legacy of the United States using the device, and how it was and is viewed in the Western world and in Japan. The program was co-hosted by University of Maine School of Policy and International Affairs Assistant Director Jim Settele, a retired U.S. Navy captain and fighter pilot, sitting in for the vacationing Pat LaMarche. Settele offered commentary on the topic from a military point of view. Contact: George Manlove, (207) 581-3756

Schoodic International Sculpture Symposium Featured

07 Aug 2012

[Channel 5 \(WABI\)](#) and the [Maine Public Broadcasting Network](#) aired feature reports on the Schoodic International Sculpture Symposium being held through August at the University of Maine. Sculptors from Maine and around the

world gather for the symposium, being held this year in partnership with UMaine. [A news release has additional details.](#)
Contact: George Manlove, (207) 581-3756

Article Features 4-H Underwater Rover Project

07 Aug 2012

The Norway, Maine, Advertiser Democrat carried an article about an underwater robotic device built by members of Laker Youth Community Action, a University of Maine Cooperative Extension 4-H community service group in southern Maine, to monitor lakes for early detection of milfoil and other invasive aquatic plants. The submersible vehicle is framed with PVC pipe and rigged with propellers and an underwater camera that sends live video to a surface computer screen. Contact: George Manlove, (207) 581-3756

Brewer, Fried Discuss LePage Messaging Style

07 Aug 2012

An [article in the Bangor Daily News](#) on Gov. Paul LePage's proclivity for making brash statements about his perception of the quality of education in Maine included comments from University of Maine political scientists Mark Brewer and Amy Fried, who said it is unusual for chief executives to make negative — as opposed to positive — statements about a state's characteristics. Brewer said that, in spite of the governor's tone, his outspokenness could help stimulate education reform in Maine. Contact: George Manlove, (207) 581-3756

Extension's Drummond in MPBN Bee Report

07 Aug 2012

[Maine Public Broadcasting Network](#) interviewed University of Maine Cooperative Extension entomologist and pollination expert Frank Drummond for a report about his participation in a five-year collaborative study in Maine, Massachusetts, New York and Connecticut to help Northeastern fruit growers improve pollination methods, overcome obstacles, and, in Maine, promote the use of wild, native bees by blueberry farmers in the wake of declining commercial honeybee populations due to disease. [A news release](#) has additional information about the USDA-funded study. Contact: George Manlove, (207) 581-3756

UMaine Student's Obituary Published

07 Aug 2012

[The Concord \(N.H.\) Monitor newspaper](#) published the obituary for University of Maine psychology major Shirley Ladd, 22, of Barnstead, N.H., who died as a result of a fall on a mountainous hiking trail in Acadia National Park July 28. Ladd, who was minoring in business, worked at UMaine's New Balance Student Recreation Center as a building manager. Contact: George Manlove, (207) 581-3756

Retirement party for Dr. Alfred Bushway, Wednesday, August 29

07 Aug 2012

Members of the campus community, current and former students, and representatives from the Maine food industry are invited to join a celebration for Alfred Bushway, Professor of Food Science, who is retiring after 34 years of service to the University of Maine. The dinner will be held on Wednesday, August 29th, 2012, from 5:00 until 7:00 p.m. [Please see this pdf file for more information and to RSVP.](#) Contact: George Manlove, (207) 581-3756

Immediate identification

08 Aug 2012

Soldiers in war zones, and law enforcement and first responders on the scene will soon have the ability to collect and immediately analyze trace amounts of potentially dangerous chemical, explosive or biological agents with the help of a surface swabbing device developed and prototyped by a Maine-based technology company with the help of the University of Maine Advanced Manufacturing Center (AMC). The device, roughly the size of a penny, snaps on the end of a wand to swab a potentially contaminated surface. Residue on the swab then can be immediately scanned and identified using a portable instrument developed by Smiths Detection, a prominent U.S. defense contractor, according to UMaine alumnus Eric Roy, project manager and senior research scientist at Orono Spectral Solutions (OSS) in Bangor, where the “surface sampler” was designed. OSS and the AMC are working with prospective manufacturers to mass-produce the surface swabbing devices, which will then be distributed by Smiths Detection. The swabs have been tested at Edgewood Chemical and Biological Center, a secure U.S. Department of Defense facility in Maryland, with chemical warfare agents, biological warfare agents, explosives and other threat materials. The Defense Department funded the research and development of the new device. The OSS swabs work like a “nanosponge” that interfaces directly with a portable, computerized, infrared spectrometer made by Smiths Detection, Roy says. It promises revolutionary advancement in field-testing of suspect powders and liquid residues, he says, and allows almost instant identification, a process that now requires much larger samples, and days or weeks to identify. “It’s really the first technology of its kind that allows field-portable infrared spectrometers to identify unknown trace residues,” says Roy, who received his Ph.D. in oceanography from UMaine in 2009 and has been leading the development of the swabbing material for about a year and a half. “When a mortar shell containing a chemical weapon explodes in a war zone, or military personnel come across a clandestine laboratory, the nature of any additional chemical or biological threat must be assessed immediately.” OSS, an 8-year-old University of Maine spin-off company comprising UMaine faculty and graduates, has a patent pending on the new absorptive material. AMC Director John Belding designed the plastic chassis for the material and developed a procedure to attach the material to the button-like base. He says development of the swabbing device was straightforward but involved testing a variety of materials before settling on one suitable for battlefield conditions, and which could be easily mass-produced. He designed the swab with a 3D computer for concept visualization, made prototypes on computer-controlled machining equipment and developed basic automation equipment to prove out full-scale production methods. “We worked with OSS to first define the design parameters of the swab, then we looked at the different aspects of manufacturability,” says Belding. “It’s important with any development to not just make a part, but make that part so that it can be easily produced and manufactured in volume.” Roy expects that thousands of OSS swabs will be ready to be distributed by Smiths Detection following the product launch this fall. He and his team already are working on next-generation modifications of the novel swab material, which will be suited for other defense, homeland security and environmental applications. Close proximity to the university, where OSS rents lab space at the College of Engineering Laboratory for Surface Science and Technology, makes it possible for OSS to work in Maine, Roy says. AMC, in conjunction with other advanced campus centers, works with hundreds of small Maine businesses, helping them solve problems, convert innovative new products into beta prototypes or modifying old products for increased efficiency. The process both preserves and creates jobs, Belding says.

How to freeze tomatoes

08 Aug 2012

[Click here to view How to Freeze Tomatoes video on YouTube](#)

How to protect Animals from insect-borne diseases

08 Aug 2012

[Click here to view How to protect animals from insect borne diseases video on YouTube](#)

UMaine Artists in Broadway Arts Feature

08 Aug 2012

The writer of an article on the New York-based [BroadwayWorld.com website](#) interviewed University of Maine

Intermedia Master of Fine Arts student Kate Dawson for a feature on a novel art exhibit, Art Outta the Box, opening Aug. 10 in downtown Bangor. The exhibit is being created by a dozen artists from the Penobscot Theatre Company, UMaine's Intermedia Master of Fine Arts program and others who have decorated old Bangor Daily News newspaper vending boxes in theatrical themes. The works will be sold or auctioned to raise funds for the theater company. Contact: George Manlove, (207) 581-3756

Extension's Bolton Offers Steaks, Grilling Advice

08 Aug 2012

University of Maine Cooperative Extension food safety specialist Jason Bolton was interviewed for a [Portland Press Herald article](#) about identifying, preparing and grilling various cuts of steak. Bolton described how to identify a properly aged cut and said grass-fed beef usually are more flavorful than corn-fed cows. He also cautioned consumers to use clean utensils when piercing or cutting meat. Contact: George Manlove, (207) 581-3756

UMaine Grad, Assistant Coach Competes at Olympics

09 Aug 2012

Editor's note: University of Maine assistant track and field coach and alum Viktoriya Rybalko placed 20th out of 32 competitors in the preliminary round of the long jump at the London Olympics. Rybalko, representing her native Ukraine, leaped 6.29 meters that put her 10th in her group and 20th overall for the preliminary round. The top-12 jumpers from the preliminary round advanced to the finals. A July 25 news release has more. As a 2003 University of Maine graduate who returned to Orono earlier this year to serve as an assistant coach for the Black Bears track and field team, Viktoriya Rybalko considers UMaine to be her second home. This summer, however, she is spending most of her time in Europe. First, Rybalko was in her native Ukraine in order to qualify for the Olympics in the long jump. Having accomplished that goal, she will now head to London to compete in her second Summer Games. Rybalko finished 12th in the long jump during the 2008 Olympics in Beijing. "Why not?" Rybalko says of her decision to attempt to qualify for a second Summer Olympics. "Participation in the Olympics has always been one of the highest achievements for any athlete, including myself." The qualifying rounds of competition in the women's long jump begin Aug. 7 at the Olympic Stadium in London. Rybalko's personal-best jump of 6.95 meters, which she registered on June 13 during a meet in Yalta, Ukraine, is ranked 16th in the world this year. The distance improved her previous personal best of 6.87 meters. Rybalko, known as Vika, was named an All-American in 2003 after she finished second in the long jump at the NCAA Outdoor Track and Field Championships. She won 10 America East individual titles while also leading the UMaine women's team to the 2003 New England Championship. In addition to her athletic successes, Rybalko was also a top student while at UMaine. She earned the 2003 "M" Club Dean Smith Award, given to Maine's top scholar-athlete. Time management and discipline were two key life lessons Rybalko learned during her time in Orono. "As a student-athlete you learn to integrate academics and athletics until it becomes a way of life," she says. "The two aspects of intellectual and physical development are important on a day-to-day basis. Learning how to fit everything in one day can be a challenge, but nothing is impossible. Successes in academics definitely help me to move forward as an athlete and a coach. I enjoy everything that I do." Since her graduation, Rybalko has earned her master's degree in microbiology from the University of Rochester and is pursuing her doctorate in exercise science at the University of Texas. Rybalko's passion for track and field, her personal training experiences and her years as a coach led her to the field of exercise science. Her major interest is muscle injuries, with a focus on muscle regeneration. Following the Olympics, Rybalko intends to return to UMaine as an assistant coach, while her advisor at the University of Texas establishes a research collaboration at UMaine, which will allow her to continue working on her Ph.D. "UMaine is my second home. I love everyone there: coaches, staff, administrators and most of all, my athletes," Rybalko says. "I definitely want to contribute as much as I can to make a difference and help my athletes to learn how to set and achieve their goals. It is the greatest lesson in life any coach can give." Contact: Jessica Bloch, (207) 581-3777

Science Website Reports on Toxins 'Surface Swab' at UMaine

09 Aug 2012

The [science website PhysOrg.com](#) posted a University of Maine news release about the University of Maine Advanced Manufacturing Center's assistance helping a local company develop and prototype a new absorptive swab device designed to assist law enforcement, military and others identify potentially dangerous chemicals, explosives or biological agents immediately, instead of hours, days or weeks. Contact: George Manlove, (207) 581-3756

Warhola Op-Ed on Turkish Economic Development in Asia Times

09 Aug 2012

An opinion column on Turkey's economic develop efforts, by UMaine political science professor James Warhola and Egemen Bezci, an independent political analyst in Istanbul, Turkey, was published by Asia Times Online. The authors discuss Turkey's reliance on the Istanbul Forum for Economic Cooperation Between Turkey, Afghanistan and Pakistan as a platform for advocating increased integration among those countries for economic development and also to help resolve political, social and security problems. Contact: George Manlove, (207) 581-3756

Marine Biologist Comments in Wired Science Article

09 Aug 2012

An [article on the Wired Science website](#) about the ecological value of giant blue whale feces included comments from University of Maine marine biologist Andrew Pershing, who said scientists want to understand how large whale populations might alter ecosystems. The article explains that whale scat can distribute nitrogen and fertilize the ocean, which can result in more plankton, more fish and more whales. Contact: George Manlove, (207) 581-3756

Tanglewood 4-H Celebrating 30th Anniversary

10 Aug 2012

University of Maine Cooperative Extension programs at Tanglewood 4-H Camp in Lincolnville turn 30 years old this summer and the camp staff is planning an evening of food and entertainment to celebrate. A traditional bean hole bean supper, roast pork and a variety of locally sourced vegetarian dishes and appetizers will be served at the event, from 5-10 p.m. Aug. 25. Local musicians Just Teachers and members of the local Quasimodal Chorus singers will perform. Community members and former campers, staff and volunteers involved with Tanglewood throughout the years are expected to attend the celebration. Tickets are \$30 for adults who register early online or \$40 at the door; tickets for children under 12 are \$10. An online registration form is available at [here](#). Proceeds will support camp scholarships. Extension's two adventure camps and school programs at Tanglewood and at Blueberry Cove are based on "Earth Connections," nature discovery that helps youth become creative stewards of an interconnected world. The program mission is to teach Maine youth and adults to be effective and caring stewards of the Earth through affordable environmental education and nature-based experiences. Contact: Patti Chapman, (207) 789-5868, patricia.chapman@maine.edu

Science Website Features Citizen Scientists Project

10 Aug 2012

The [science website science 2.0](#) carried a feature article about the Acadia Learning Project, a collaborative program involving the University of Maine, Maine Sea Grant, Sen. George J. Mitchell Center and the Schoodic Education and Research Center Institute (SERC) at Schoodic Point, which engages thousands of Maine school children and teachers to serve as citizen scientists to educate students about the scientific process while collecting useful ecological data for researchers. An article about the project by Sarah Nelson, a graduate student and researcher at the Sen. George J. Mitchell Center and Maine Sea Grant, Molly Schaffler, research professor with the UMaine Climate Change Institute and Center for Research in STEM Education, and Bill Zoellick of the Schoodic Education and Research Center Institute, reports that the experiences have been successful. The article, "[Participatory science and education: bringing both views into focus](#)", appears in the August 2012 issue of the journal *Frontiers in Ecology and the Environment*. Contact: George Manlove, (207) 581-3756

UMaine Math Professor Mentioned in Award-Winning Book

10 Aug 2012

Jonathan Farley, associate professor of computing and information science at the University of Maine, is mentioned in a new book co-authored by reporter Corey Hutchins, South Carolina Journalist of the Year, which was noted and featured Aug. 3 on MSNBC's Rachel Maddow Show. "The Accidental Candidate: The Rise and Fall of Alvin Greene," a 2012 graphic novel, includes a reference to the "world-renowned mathematician and professor Jonathan Farley." Contact: George Manlove, (207) 581-3756

Bayer in MPBN Lobster Processing Report

10 Aug 2012

Robert Bayer, director of the Lobster Institute at the University of Maine was interviewed for a [Maine Public Broadcasting Network report](#) on the lack of lobster meat processing capacity in Maine and why most lobsters are shipped to Canadian processing plants. For nearly 60 years, he said, Canada has been better equipped than Maine for frozen lobster processing, a problem for which there is no easy fix, he added. Contact: George Manlove, (207) 581-3756

Kaye Interviewed on Boomers, Healthcare Needs

10 Aug 2012

Len Kaye, University of Maine professor of social work and director of the UMaine Center on Aging, was interviewed for the July 2012 issue of the national [Health Workforce Information Center website](#). He discussed what many consider an inadequacy in the nation's healthcare system to serve the onslaught of baby boomers who will turn 65 and retire this year. Of the 78 million boomers in society today, 10,000 are retiring each day, according to Kaye, who explained how UMaine's social work curriculum and the Center on Aging are preparing students to accommodate the needs of a healthier, more active, outspoken and affluent elders. Contact: George Manlove, (207) 581-3756

Media Reports on Advancing Wind Energy Project Plans

10 Aug 2012

[The Bangor Daily News](#) and Maine Public Broadcasting Network were among the news organizations reporting that the U.S. Department of the Interior's Bureau of Ocean Energy Management has announced a public comment period on plans by the Norwegian energy company Statoil to erect four floating wind turbines 12 nautical miles off the Maine coast. The University of Maine has been working with Statoil in research, development and testing of wind blade materials to be used in the pilot project. Contact: George Manlove, (207) 581-3756

Extension's Kersbergen in MPBN Organic Milk Report

10 Aug 2012

University of Maine Cooperative Extension professor Rick Kersbergen was interviewed for a recent [Maine Public Broadcasting report](#) on organic dairy research under way in Maine. He discussed a study to see how different grasses fed to cows at organic farms improve or affect the quality of the milk they produce. Kersbergen is one of a dozen researchers involved in a multi-year study funded by the U.S. Department of Agriculture. Contact: George Manlove, (207) 581-3756

BDN Reports New UMaine Gerontology Certificate

10 Aug 2012

The [Bangor Daily News reported on a new graduate certificate in gerontology program](#) available at the University of Maine beginning online this fall and in classrooms in 2013 for social workers, nurses, nurse practitioners, among others. Len Kaye, director of the UMaine Center on Aging and Nancy Fishwick of the UMaine School of Nursing are listed as program contacts. Contact: George Manlove, (207) 581-3756

Holocene Warming Regional

13 Aug 2012

Research confirms regional — not global — climate change in New Zealand and European glaciers during the preindustrial Holocene Across the globe in the past century, mountain glaciers have been melting in response to warmer atmospheric temperatures. They include peaks in the European and Southern Alps — formations found on opposite sides of the globe. New research led by scientists at the University of Maine's Climate Change Institute has documented that unlike the concurrent, widespread melting occurring today, glaciers in the European and Southern Alps 11,500 years ago experienced regional climate and oceanographic variability. The findings of the international research team, led by then UMaine Ph.D. student in Earth sciences Aaron Putnam, provide evidence that changes in glacier behavior in the preindustrial age were not caused by global atmospheric warming. As reported this week in *Nature Geoscience*, the researchers suggest that today's glacier recession in New Zealand and Europe is unlike what occurred in those mountain ranges in the preindustrial Holocene period, and corresponds with human-produced greenhouse gases. Putnam and his team worked on Cameron Glacier in the central Southern Alps. They reconstructed glacier fluctuations and associated temperature variations for the past 11,000 years using moraine geomorphology and high-precision beryllium-10 (^{10}Be) surface exposure dating — a measure of the cosmogenic nuclide on rock faces to determine the age of landforms marking what were once the edges of glaciers. The researchers also used a geometrical method to reconstruct the height of past mountain snowlines, which are affected by atmospheric temperature. Using this geologic record of mountain glaciers to quantify the history of atmospheric temperature, the research team found that Cameron and other glaciers in the Southern Alps retreated several centuries earlier than those in the European Alps. Previous research has shown that beginning 11,500 years ago, glacier expansion occurred in the European Alps due to atmospheric cooling. That was followed in the 17th to 19th centuries by large-scale glacier retreat. Putnam, a native of Chapman, Maine, now a postdoctoral researcher at Columbia University, collaborated in his research with George Denton of the UMaine Climate Change Institute and scientists from the Lamont-Doherty Earth Observatory, Columbia University, GNS Science in New Zealand, University of California, Berkeley and Victoria University. Contact: Margaret Nagle, (207) 581-3745

Brewer Comments in VP Pick Analysis

14 Aug 2012

University of Maine political science professor [Mark Brewer was interviewed](#) by a reporter for The Hill, a news service that covers politics, for an analytical report comparing and contrasting presidential hopeful Mitt Romney's running mate, Paul Ryan, a Republican Congressman from Wisconsin, with Vice President Joe Biden. Brewer suggested the fact that both men are white, Catholic and “working-class guys” will resonate with many voters on both sides of the political spectrum. Contact: George Manlove, (207) 581-3756

Extension Specialist in AP Apple Crop Update

14 Aug 2012

The Wall Street Journal was among the news outlets to carry an apple crop report by the Associated Press, which interviewed University of Maine Cooperative Extension tree fruit specialist Renae Moran. Moran said while many orchards in Maine suffered from a late spring frost, if a grower lost only 10 percent of the flowers to freezing, it might not have had much of an impact on the crop overall. Contact: George Manlove, (207) 581-3756

Sea Grant's Morse Comments in Texas Scallop Article

14 Aug 2012

Dana Morse, a University of Maine Cooperative Extension and Maine Sea Grant scientist, was interviewed by [KETR-FM](#), a Texas A&M University-Commerce public radio affiliate of National Public Radio, for an article about Maine's efforts to increase sea scallop stocks through aquaculture. Morse said farming scallops is challenging because larval scallops take a long time to grow and don't do well in hatcheries. Contact: George Manlove, (207) 581-3756

McConnon, Criner Comment in Press Herald Canada Trade Report

14 Aug 2012

University of Maine Cooperative Extension specialist and professor of economics Jim McConnon and George Criner, director of the UMaine School of Economics, were interviewed for a sidebar to a [Portland Press Herald](#) business article about how Maine lobsters are bought, sold and priced, a subject that has arisen as a result of the controversy in Canada over imported, inexpensive Maine lobsters, which are driving down Canadian prices. McConnon noted that Canada is Maine's most important trading partner, while Criner said the strengthening U.S. dollar is increasing the cost in Canada of many imported products. Contact: George Manlove, (207) 581-3756

UMaine Students Heading for Engineering Ambassadors Workshop

14 Aug 2012

Two University of Maine undergraduate engineering students are heading this week to a national engineering ambassadorship-training workshop for students interested in creating engineering ambassador outreach programs at their institutions. The workshop will be held Aug. 16-19 at Penn State University. Sheila Pendse, program development associate in the UMaine College of Engineering, will accompany Devin Rose of Jay, Maine, and Morgan Stuart of Winslow, Maine, on the trip. Sponsored by the National Science Foundation, Penn State's Electro-Optics Center and Penn State's College of Engineering, the workshop will include students from 21 institutions throughout the country. The students will make competitive presentations about how they would introduce engineering into local schools and communities. Selected university teams will be eligible for a visit from workshop sponsors for further training for an expanded core of engineering ambassadors. The workshops will cover communication techniques and strategies to implement local engineering ambassador programs in 2012-2013. The program's goal is to establish a national network of collaborating engineering ambassador programs working together to enhance the messages that middle and high school students receive about engineering careers, in addition to enhancing the leadership abilities of the next generation of leaders in the engineering field, according to Pendse. Contact: Sheila Pendse, (207) 581-2225

New UMaine Batting Pavilion Dedication Planned

14 Aug 2012

The new Paul J. Mitchell Batting Pavilion, located next to Mahaney Diamond, will be officially dedicated in a ceremony from noon to 1 p.m. on Tuesday, Aug. 21. There will be a variety of speakers and guests at the event and Paul J. Mitchell will open the batting cages with the first official swings. The event is free and open to the public. For more information contact UMaine assistant athletic director Laura Reed at (207) 581-3646 or laura.reed@maine.edu. Contact: Laura Reed: (207) 581-3646

UMaine Experts Available to Discuss Insect-Borne Viruses

14 Aug 2012

University of Maine Cooperative Extension pest management and animal care experts are available for interviews and to discuss ways to protect humans and animals against mosquito- and tick-borne viruses as more mosquitoes in neighboring New Hampshire have tested positive as carriers for West Nile Virus (WNV) this summer. Two weeks ago, the Maine Center for Disease Control issued an advisory to health care professionals about an increase this year of WNV and last week issued an advisory about anaplasmosis, a bacterial infection transmitted by the same type of ticks

that carry Lyme disease. UMaine Extension pest management specialist Jim Dill is available at (207) 581-3879 to discuss how to reduce the proliferation of mosquitoes and other nuisance insects and how area residents can be alert for mosquitoes that may carry West Nile Virus or Eastern Equine Encephalitis (EEE), which can be fatal for humans and animals, and horses in particular. Veterinarian Anne Lichtenwalner of UMaine Extension can be reached at (207) 581-2789 to discuss ways to protect horses and other animals from mosquitoes and ticks. Maine so far has not been affected by WNV, but the state has had a history of EEE reports. These viruses often cause only flu-like symptoms in humans, but can sometimes prove fatal. This year, human deaths from WNV have been reported in Italy, and several California horses have died as a result of contracting the disease. New Hampshire health officials last week reported 18 pools of mosquitoes in the Manchester area tested positive for West Nile Virus. Similar monitoring has yet to reveal positives in Maine. However, prevention of disease by avoiding mosquito bites and vaccinating animals against mosquito-borne disease is advised, says Lichtenwalner. [UMaine Extension videos featuring Dill](#) and [Lichtenwalner](#) discuss precautions, and the UMaine Extension website has an [online pest management fact sheet](#) by specialist Griffin Dill. Contact: Jim Dill, (207) 581-3879; Anne Lichtenwalner, (207) 581-2789; George Manlove, (207) 581-3756

Sandweiss Comments in Article on Mummies

14 Aug 2012

University of Maine anthropologist Dan Sandweiss was [interviewed by ScienceNews](#) for an article on a recently published theory about early mummification in South America's Chinchorro culture. Sandweiss, who is also dean and assistant provost for graduate studies, said the theory that the Chinchorro people began mummifying their dead some 7,000 years ago in northern Chile and southern Peru after seeing naturally mummified corpses in deteriorating shallow graves is plausible but difficult to prove with current evidence. Contact: George Manlove, (207) 581-3756

Science Website Posts UMaine Climate Change Article

14 Aug 2012

[The science website PhysOrg.com](#) has posted a University of Maine news release about research into regional climate change in New Zealand and European glaciers during the preindustrial Holocene era. The release, which is about research by former University of Maine Climate Change Institute Ph.D. student Aaron Putnam and colleagues, and a publication about the research in the journal Nature Geoscience, makes the case that glacial melting in the European and Southern Alps 11,500 years ago was influenced more by regional climate variability than global climate change. Contact: George Manlove, (207) 581-3756

Bayer Comments on Lobster Glut, Prices

15 Aug 2012

Robert Bayer, director of the Lobster Institute at the University of Maine, was interviewed for two news stories about the glut of lobsters this summer and low prices causing frustration in Maine and Canada. Bayer told the [Bangor Daily News](#) this year's plentiful catch and resulting low prices are unprecedented and unforeseeable. He told a reporter for the southern Maine-based Current Publishing group the [annual lobster shed](#), which normally occurs in staggered regional phases from Massachusetts to Maine, happened early and almost simultaneously, which created an oversupply of a perishable product. Contact: George Manlove, (207) 581-3756

Brewer Offers Perspective in MPBN Medicare Report

15 Aug 2012

University of Maine political scientist Mark Brewer was interviewed for a [Maine Public Broadcasting Network report](#) on choices voters will be forced to make at the polls as they assess presidential candidates' positions on Medicare reform. Brewer said most polling does not support a Republican plan and that Democrats are viewed as being more supportive of Medicare than Republicans. Contact: George Manlove, (207) 581-3756

Sandweiss Interviewed for 'Nature' Mummification Article

15 Aug 2012

The [journal Nature interviewed](#) University of Maine anthropologist Dan Sandweiss for an article about possible explanations for why hunter-gatherers in Chinchorro communities in northern Chile and southern Peru mummified their dead 7,000 years ago, long before the Egyptians. Sandweiss, who also is dean and assistant provost of UMaine graduate studies, said a lack of evidence makes it difficult to prove that favorable environmental conditions at the time resulted in population growth, which led to the artificial preservation of corpses, as hypothesized in a recent research article by a Chilean ecologist. Contact: George Manlove, (207) 581-3756

Summer Tour

15 Aug 2012

[Click here to view the Summer Tour 2011 video on YouTube](#)

Clean Eating

15 Aug 2012

[Click here to view Clean Eating video on YouTube](#)

Sandweiss Comments in Scientific American Article

16 Aug 2012

The [Scientific American](#) has published an article from the [journal Nature](#) that includes comments by University of Maine anthropologist Dan Sandweiss about mummification in northern Chile and southern Peru 7,000 years ago. Sandweiss, who also is dean and assistant provost of UMaine graduate studies, said a lack of current evidence makes it difficult to prove a Chilean ecologist's theory that favorable environmental conditions at the time resulted in population growth, which led to the artificial preservation of corpses. Contact: George Manlove, (207) 581-3756

Dagher in Radio Interview on UMaine Engineering Projects

16 Aug 2012

Habib Dagher, director of the UMaine Advanced Structures and Composites Center and an authority on wind power and offshore power generation, was a recent call-in guest on the Falmouth-based TideSmart Talk with Stevoe program, which airs Saturdays at 11 a.m. on WLOB (1310 AM) in Portland. Dagher discussed the diversity of work and innovation at the Advanced Structures and Composites Center, including UMaine's unique Bridge-in-a-Backpack design, and the research, testing and development of composite materials for planned deepwater wind-power turbines off the coast of Maine. A podcast of the interview is available on the [TideSmart Talk website](#). Contact: George Manlove, (207) 581-3756

Ippolito, Blais in MPBN Eco-Village Report

16 Aug 2012

University of Maine new media professors Jon Ippolito and Joline Blais were interviewed as part of a [Maine Public Broadcasting Network](#) report on their family's move to an ultra-efficient, solar-powered home in the Belfast Co-Housing and Eco-Village Project. Ippolito and Blais said the village incorporates the philosophy of the back-to-the-land movement with a sense of community. Contact: George Manlove, (207) 581-3756

UMaine Aquaculture Research, Facilities on Display in Open House Event

17 Aug 2012

The University of Maine's Aquaculture Research Institute (ARI) facilities and latest research findings will be the focus of a two-day open house event Aug. 23-24 at UMaine's research centers in Walpole, Franklin and Orono. Tours and activities will be held at all three sites at 1 p.m. on Aug. 23, and in Orono on Aug. 24, in a daylong research showcase. The Aug. 23 events include a tour of the facilities at the Darling Marine Center in Walpole, including the UMaine shellfish hatchery, broodstock conditioning room, and a temperature controlled room, which provide researchers access to some of the most pristine and productive culture sites in the Northeastern U.S. At the Center for Cooperative Aquaculture Research (CCAR) in Franklin, there will be tours of facilities for cold-water marine fish, tropical marine fish and a variety of invertebrates. In Orono, ARI staff will conduct a teacher workshop in aquaponics, the symbiotic cultivation of plants and aquatic animals in a recirculating environment. Teachers can use aquaponics in the classroom for lessons in biology, physics, chemistry, horticulture, zoology and nutrition. The workshop, which will be held at the Aquaculture Research Center on the UMaine campus, will offer opportunities for hands-on experience and ideas for lesson plans. There is no fee for any of the events, although registration is required for the aquaponics workshop because space is limited. ARI will hold a research showcase on Aug. 24 at Wells Conference Center to highlight the latest ARI efforts and findings. Some of the subject areas include urchin culture; seaweed production on mussel farms; the effect of ocean acidification on lobster larvae; the effects of high-pressure processing on abalone meat; carbon dioxide-induced cataracts in cod; razor clam hatchery; and aquaculture and the lobster industry. Sebastian Belle, executive director of the Maine Aquaculture Association, will speak at 9:10 a.m. Registration for the showcase begins at 8:30 a.m. The event is free and open to the public. More information, including registration information, is available at umaine.edu/aquaculture/. Contact: Anne Langston, anne.langston@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Lichtenwalner, Dill in Mosquito-Borne Disease News Reports

17 Aug 2012

Channel 2 (WLBZ) interviewed University of Maine Cooperative Extension veterinarian Anne Lichtenwalner and UMaine Extension pest management specialist Jim Dill for a report about West Nile Virus (WNV) and Eastern Equine Encephalitis (EEE), which are spread by mosquitoes. Lichtenwalner, director of the UMaine Animal Health Laboratory, discussed ways to protect horses from EEE. Dill said EEE has been reported in Massachusetts and mosquitoes in New Hampshire have tested positive for WNV, and that Maine residents should reduce wet breeding grounds for mosquitoes as a precaution. The [Kennebec Journal](#) also interviewed Lichtenwalner for a report about the mosquito-borne diseases.

Contact: George Manlove, (207) 581-3756

Juniper Ridge Pipeline Decision Reported

17 Aug 2012

[Mainebiz](#) reported on a decision by the Maine Legislature's Government Oversight Committee to not investigate operational practices by Casella Waste Systems, Inc., which manages the Juniper Ridge Landfill in Old Town. A subsidiary of Casella has filed a petition with state regulators to build a methane gas pipeline from the landfill to the University of Maine, where the gas would be used to run boilers to heat the university. Contact: George Manlove, (207) 581-3756

Singer-Songwriter Reflects on Her UMaine Experience

17 Aug 2012

In a [Portland Press Herald interview](#), Portland-based singer-songwriter and UMaine graduate Sara Hallie Richardson

credited her experimentation with electronic music to an independent study program arranged with help from UMaine music professor Beth Wiemann, who is the chair of the School of Performing Arts' Division of Music. Richardson will perform a CD release concert with her band Friday in Portland. Contact: George Manlove, (207) 581-3756

Ferguson Mentioned in Portland Press Herald Opinion Article

05 Aug 2012

University of Maine President Paul Ferguson was quoted in a [Portland Press Herald](#) article about his move from California to Maine. The Blue Sky Project was also mentioned in the story.

National Geographic Tracking Chilean Fjord Expedition

17 Aug 2012

[The National Geographic website](#) has posted a series of blogs by UMaine marine scientist Rhian Waller, who is on an expedition in the fjords around Chile to study deep-sea corals. Waller received earlier this year a \$30,064 National Geographic grant to establish three long-term monitoring sites in Chile where she will monitor and take samples of deep-sea corals to study their reproductive ecology. Contact: Jessica Bloch, (207) 581-3777

Wood Science Faculty, Students to be Honored

21 Aug 2012

University of Maine professor of forest resources Doug Gardner will officially become a fellow of the Society of Wood Science and Technology (SWST) and other UMaine faculty members and students will be honored for their work this week at the SWST meeting in Beijing, China. SWST recognizes fellows for their significant contributions to the wood science and technology profession and to the society. Gardner, who is traveling to Beijing for the meeting, is a faculty member of UMaine's Forest Bioproducts Research Institute (FBRI) and is past president of SWST. His research interests include wood/paper surface chemistry, wood-polymer composites, analytical chemistry, cellulose nanocomposites, extrusion and wood adhesion. He has a bachelor's degree from UMaine. Former UMaine graduate student Rastislav Lagana and former researcher Lech Muszynski and current faculty members William Davids and Stephen Shaler won first place George Marra Award for Excellence in Writing for their paper, "Moment-Curvature Analysis of Coupled Bending and Mechanosorptive Response of Red Spruce Beams." Gardner, along with former UMaine engineering and business graduate student and Advanced Structures and Composites Center program manager Jacques Nader, and current FBRI researcher Han-Seung Yang, won third place in the writing awards for their paper, "Mechanical Properties of Cellulose Nanofibril-Filled Polypropylene Composites." Contact: Jessica Bloch, (207) 581-3777

Sculpture Symposium Tour Set for Thursday

21 Aug 2012

The University of Maine Division of Lifelong Learning is offering a bus tour Thursday in conjunction with the ongoing Schoodic International Sculpture Symposium (SISS) to sites where sculptures from previous symposia have been installed. The narrated, daylong tour begins at 9 a.m. at UMaine, where the current symposium is being held in partnership with the university, and continues to sites in and along the route to Ellsworth and Machias. The tour returns to UMaine at approximately 5:30 p.m. The cost of the tour is \$85, which includes lunch and tour bus fees. A similar tour was held Aug. 9 and went from Orono to Mount Desert Island and back. For more information contact SISS project manager Tilan Langley at (207) 263-6057. To sign up for the tour, call (207) 581-4094 or 4092 or go to umaine.edu/conferences. Contact: Tilan Langley, (207) 263-6057; Jessica Bloch, (207) 581-3777

Report on UMaine Economist's Honor

21 Aug 2012

University of Maine assistant professor of economics Sharon Wagner was one of a dozen AmeriCorps alumni to be recognized for their service to their communities and to leadership during a “Champion of Change” ceremony at the White House last week, according to an article in the [Bangor Daily News](#). Wagner served as an AmeriCorps National Civilian Community Corps volunteer in Charleston, S.C., and worked on projects in the fields of education, environment and unmet human needs. Contact: George Manlove, (207) 581-3756

UMaine Brook Trout Study Cited in Invasives Article

21 Aug 2012

A 1991 University of Maine School of Economics study on the popularity of brook trout fishing in Maine's fresh waters was cited in a [Portland Press Herald](#) article on threats to the species from the illegal practice of stocking invasive non-native invasive fish into ponds and lakes. The UMaine research showed that nearly 90 percent of people who fish in the state prefer to fish for brook trout above any other type of fish. The [Associated Press](#) also distributed a version of the article. Contact: George Manlove, (207) 581-3756

BDN Advances Aquaculture Open House Days

21 Aug 2012

The [Bangor Daily News](#) carried an article advancing this week's open houses and public tours of the University of Maine's Aquaculture Research Institute facilities in Walpole, Franklin and Orono. Visitors can expect a showcase of research activities and tours of the facilities at each site starting at 1 p.m. on Thursday, Aug. 23 and Friday, Aug. 24. A [UMaine news release](#) has more information. Contact: George Manlove, (207) 581-3756

Press Herald Interviews Lichtenwalner about West Nile Virus

21 Aug 2012

In an article about two reported cases of West Nile Virus in Maine, the [Portland Press Herald](#) interviewed University of Maine Cooperative Extension veterinarian Anne Lichtenwalner, director of UMaine's Animal Health Lab, who said UMaine can test dead birds for the virus. Birds are among the common carriers of the disease, which is spread by mosquitoes feeding on them. Contact: George Manlove, (207) 581-3756

National 4-H Notes Maine Project Success

21 Aug 2012

The [National 4-H Council](#) has posted a report on its “Join the Revolution of Responsibility” website about a \$4,000 grant from the University of Maine Cooperative Extension 4-H Engaging Youth, Serving Communities program that helped a fundraising effort by students at Sebec Valley Middle and Nokomis Regional High schools in Newport to raise \$6,000 to build an off-road walkway between the two schools. Less than a half-mile apart, students from the two schools previously walked along the side of the road. Contact: George Manlove, (207) 581-3756

Coyote Art Article Cites Wildlife Ecologist's Research

21 Aug 2012

An article in the [Bangor Daily News](#) about a planned Belfast art exhibit featuring coyote sculptures and paintings refers to coyote research done by University of Maine wildlife ecology professor Dan Harrison and Walter Jakubas of the state Department of Inland Fisheries and Wildlife. One of the artists, Geri Vistein of Washington, Maine, a conservation ecologist, said there is little research on coyotes in Maine. Contact: George Manlove, (207) 581-3756

News Media Reports UMaine Standing in Princeton Review List

21 Aug 2012

The [Bangor Daily News](#) and Channel 2 (WLBZ) were among the news organizations to report that the 2013 Princeton Review includes the University of Maine as 19th in the top 20 schools rated as best party schools. Contact: George Manlove, (207) 581-3756

Channel 5 Brook Trout Report Cites UMaine Angler Research

21 Aug 2012

In a report on brook trout fishing in Maine, [Channel 5 \(WABI\)](#) reported that, according to a University of Maine School of Economics book trout study from 1991, nearly 90 percent of people who fish in the state prefer to fish for brook trout above any other type of fish. The report was based on a Portland Press Herald article on threats to brook trout from non-native invasive fish being stocked illegally in ponds, lakes and rivers. Portland-based [WGAN radio news](#) also aired a brief report. Contact: George Manlove, (207) 581-3756

Art Historian's Book Praised by LA Review

21 Aug 2012

The [Los Angeles Review of Books](#) has reviewed and praised University of Maine art historian Justin Wolff's biography, "Thomas Hart Benton: A Life," which was published in March. The book focuses on the colorful, contradictory life and work of early 20th century allegorical painter. Contact: George Manlove, (207) 581-3756

On the Hunt for Deep-sea Corals

22 Aug 2012

Editors Note: UMaine marine scientist Rhian Waller is currently on an National Geographic and National Science Foundation funded expedition in the fjords around Chile, where she is studying the reproductive ecology of deep-sea corals and links to climate change and fishing pressures. National Geographic is following along with the expedition on its News Watch website. Waller received the grants in order to establish three long-term sites where she will monitor and take coral samples. UMaine diving safety officer Chris Rigaud is accompanying her on the trip. Researcher Studying Deep-Sea Corals Scientists have long known that corals are found far beyond shallow, tropical waters. Since the 1800s, researchers on multiyear voyages have collected coral samples from colonies found at much deeper, darker, colder spots in the ocean. In the past two decades, coral has surfaced on trawlers working in more remote fishing grounds in the hunt for an increasingly elusive catch. And that's when the importance of these invertebrate animals became apparent, and when Rhian Waller began working on her Ph.D. about the reproduction and development of the seldom-seen creatures. Waller's research now focuses on how environmental factors such as climate change, fishing and oil exploration affect deep-sea coral reproduction, and what effect that altered life cycle could have on the rest of the marine ecosystem. "We're now beginning to realize that these reefs in the deep sea are very similar to the reefs in shallow water and can be very important to certain fisheries species," says Waller, a University of Maine assistant research professor in the School of Marine Sciences. "These corals have thousands of associated species that live on and around them so we're starting to realize they're important deep-sea ecosystems builders, just like corals in shallow waters." Earlier this year, Waller received a more than \$78,000 RAPID Grant from the National Science Foundation and a \$30,000 National Geographic Society award to establish three long-term monitoring sites in Chile where she will sample corals for reproductive ecology studies. Waller also received another \$9,000 from UMaine to explore Maine's coastal areas for deepwater emergent coral habitat sites, and \$48,000 from the National Oceanic and Atmospheric Administration (NOAA) to continue a long-time series in Alaska of Red Tree corals. Waller hopes to show through each project the importance of deep-sea coral systems to the rest of the ocean ecosystem. "If we continue to damage these coral habitats, we're going to damage the fish and invertebrate populations that live around them," Waller says. "Even though they're out of sight, out of mind, and many people don't know they're there, we have to start to explore and research why these ecosystems are important." Waller grew up in England and Riyadh, Saudi Arabia, where she spent weekends snorkeling off coral reefs in the Red Sea or the Arabian Gulf while her parents scuba dived. That experience

sparked her fascination with the beautiful, mysterious animals. Corals are marine invertebrates, in the same phylum as jellyfish and anemones, but corals can form a calcium carbonate skeleton. Corals are made up of individual polyps – some just single polyps with skeletons, whereas larger reef-building corals and gorgonian sea fans can be many thousands of genetically identical polyps all living joined together. There are two types of corals. Tropical corals have photosynthetic algae known as zooxanthellae, which require sunlight and warm water to survive, and so found at less than 100 meters depth. Waller studies the other kind of corals, which do not have zooxanthellae and so do not require photosynthesis and survive instead solely on food in the water column. Although they can live in the relatively shallow, cold waters of Alaska, northern Canada, southern Chile and the Antarctic — areas where corals that have zooxanthellae can't survive because of the temperatures — these corals are most often found in the deep sea — usually more than 500 meters deep, roughly the end of a continental shelf, and below the depths scuba divers can go. Such deep-sea corals have been found to be thousands of years old. The current record holder is a 4,000-year-old coral found off the coast of Hawaii. The depths at which deep-sea corals grow is also one of the reasons so little is known about them. Researchers in the small community of deep-sea coral science typically retrieve and preserve specimens for each other, and fishermen and conservation agencies occasionally hand over samples they find. Most corals are retrieved via manned submersibles, remotely operated underwater robots or human dives, if the depth is shallow enough. In Southern Chile and Southern Alaska, for example, which both have glacial fjord ecosystems that are too cold for photosynthesis and little competition for food among corals, some corals typically found at deep-sea depths are living much shallower. In Alaska, Waller is working on a species known as the Red Tree coral that is typically found at 500 meters, but recently has been found at less than 10 meters, which means she can scuba dive for samples year-round, rather than using a submersible. Scientists haven't yet discovered why the deep-sea corals are being found at shallow depths, but they believe it is because the water is colder and darker than tropical waters and competition from photosynthesizing species (such as fast-growing algae) is less, and so it is more like the deep-sea environment than a regular shallow water ecosystem. The deepest dive for corals Waller has made in a submersible was to a depth of 3,600 meters on the New England Seamount chain in 2005. With more research on deep-sea corals, scientists are discovering just how much their presence affects the world around them. One example, Waller says, is deep-sea corals have been found harboring eggs of the Dumbo octopus, a small creature that lives in deep waters about which little is known. As yet, deep-sea corals are the only place those eggs have ever been found. Scientists wonder what else might live or rely on the corals, and what animal next in the food chain might in turn rely on those animals – and how the food chain would be affected if the corals began to disappear. “You can imagine all it takes is one trawler or one piece of garbage to land on the coral and suffocate it, and that's 4,000 years of growth and 4,000 years before that colony will grow back to support 1,000 different invertebrates which in turn support maybe tens of different species of fish,” Waller says. “Our understanding of deep-sea biology is still very much in its infancy, so there's a lot we don't know. But we do know from other systems that you can upset the whole ecosystem by taking just one bottom piece away.” When Waller began her Ph.D. research at Southampton Oceanography Centre in England, there were no published studies on reproduction in deep-sea corals, even though there are more than 3,000 species living at deep spots in the ocean, compared to around 2,000 species of shallow-water corals. Waller set out to establish some basics about deep-sea coral reproduction, such as determining whether the corals are males, females or hermaphrodites; if they reproduce via broadcast, as the shallow-water corals do; if they brood larvae; have multiple offspring; and what time of year they reproduce. She has also looked at larval processes and has managed to get different corals to spawn in order to closely examine their larvae. For her Ph.D. research, she compared deep-sea regions that faced fisheries damage with corals constantly being turned over and broken, to pristine areas, and found that corals in the areas that were damaged were reproducing in much lower numbers or not at all. Answering questions about how and why this happens at different depths in the ocean is at the crux of Waller's research. “If there is any kind of stress, reproduction can cease,” she says. “Looking at how these stressors are affecting reproduction, whether populations are sustainable, how reproduction changes in the same species that are living at different depths and how all those things are being changed both by human activity and the general environment, is really where my interest lies.” Waller's work in Alaska involves reproduction processes of the Red Tree coral in the Alaskan fjords, where the corals form essential habitat in this region for rockfish and crustacean species. In 2010, Waller and NOAA collaborators established a site of 40 corals, which have since been sampled every three months for reproductive analysis. This site has provided the best time-series reproductive data on any deep-water coral species to date. Waller will return in January 2013 to investigate fertilization and larval dynamics in this species and continue the reproductive timeline to assess when and how much this species reproduces, with the goal of providing essential management information. Researchers are starting to realize that climate change may affect deep-sea corals more than previously believed — perhaps more than it does shallow tropical corals. Although there is no doubt that tropical corals are heat-stressed, Waller says, they can live within temperature swings of up to 15 degrees. But for corals

in the deep sea, where the water is much colder, has stable temperatures year-round and is relatively acidic compared to surface waters, a temperature swing of up to 2 degrees in a year could make for a complete change. She has seen deep-sea corals brought up from the Antarctic region that, due to deterioration in the ocean, disintegrate when handled. Corals in Chile's northern Patagonian fjords are facing pressures from such human activity such as intense salmon farming and logging, which is why there is an urgent need to document and understand the coral systems in this region. Measurements of reproduction will provide information to understand recruitment, recolonization, population connectivity and recovery from damage in this area. In Chile, Waller will launch her research from the Huinay Scientific Field Station and work in the waters of the northern Patagonian fjords, which are influenced by strong tides, large volumes of freshwater runoff, upwelling of deep ocean waters and steep climatic gradients from north to south. Species found in these fjords can more usually be found at depth of up to 3,000 meters, yet in these locations they can now be collected by scuba at just 10 meters. This presents researchers such as Waller with a unique opportunity to form baseline data on ecological and population processes — a sort of window into a deep-sea ecosystem. Waller's goals in Maine are to discover, characterize and map areas of gorgonian corals, also known as sea fans or sea whips, along the coast. She intends to register the new locations and depth ranges in the U.S. Geological Survey Cold Water Coral Geographic Database and also hopes to discover a scuba-accessible site from which to launch future studies of deep-sea, cold-water coral ecology and physiology. Her hope is to find spots in the Gulf of Maine — ideally within an easy boat road from UMaine's Darling Marine Center in Walpole, where she is based — that would give her access. To that end, she has been working with Chris Rigaud, the Darling Center's diving safety officer, to train for deeper dives in Gulf of Maine waters. Although Waller has seen photographic evidence of Red Tree corals pulled from the area around Monhegan Island, there have been sporadic reports in the last 100 years of deep-sea corals coming up in shallower gulf waters. "Just as in Alaska, we have areas where it is cold all year round, and we have deepwater coming up on the shelf," she says. "But the oceanographic conditions here are very different from Alaska, so although we might get species that usually live within 1,000 meters or so, they're probably not going to come up within meters of the surface, like we have seen in other high-latitude areas. We might be able to find them within 50-100 meters, which is within technical diving limits." More than 60 species of cold-water coral are known in the Gulf of Maine, but little is understood of their biogeography and diversity. However, anecdotal and other information gathered from fishermen indicate the distribution of coral communities may be wider than thought, particularly closer to shore. The same concerns about environmental impacts on deep-sea coral apply in the Gulf of Maine, with one exception. While there are no offshore oil exploration platforms in the gulf, there could soon be offshore wind turbines anchored to the ocean floor there. Anchoring devices could be a boon for deep-sea corals, Waller says, in the same way that disused oil rigs in northern Scotland provide habitat for corals. "I would predict a similar situation with offshore wind platforms, although they're not going to be placed in rocky areas where we tend to find deep-sea corals," Waller says. "There is the potential they could form great hard substrate habitat, allowing coral larvae to grow and maybe thrive." Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Novel Sensor Research

22 Aug 2012

Graduate Students Developing Novel, Rapid Water-Pollution Sensor A Damariscotta River oyster farmer who lost an entire crop when he was unable to detect a spike in pollutants in the seawater inspired two University of Maine chemistry graduate students to develop a new rapid sensor system to prevent such occurrences. Chemistry Ph.D. students James Killarney, who grew up in Aroostook County, and John Ahern of Massachusetts, are working with other UMaine researchers to develop a sensor that uses a novel fluorescence spectrometer to identify changes in concentrations of two common pollutants, nitrates and trihalomethanes (THMs). The spectrometer measures the compounds' chemiluminescence, or wavelengths of light given off as part of an induced chemical reaction. Nitrates, which can cause algae blooms, can come from effluent treatment, agricultural fields and aquaculture installations, among other sources. Trihalomethanes are byproducts of chlorine disinfectants used by water treatment plants and ships to purify drinking water and treat effluent. While Killarney and Ahern can program the sensor to monitor for many compounds, they are using nitrates and THMs in the development phase, since nitrate control is critical for aquaculture and the sensor can assess the purity of onboard drinking water or appropriate chlorine levels in ship septic systems. The units will be deployable on buoys or at saltwater farms. Killarney and Ahern, who have formed a small company, Fluorometrics, will be able to receive an immediate signal remotely from the sensor to a server network that alerts them to a change in water quality. Fluorometrics would contract commercially with clients that could be notified about the

change before damage occurs. Funded primarily by a 2012 Maine Technology Institute seed grant for \$13,000, the students' prototype will be the model for portable sensors that are small, lightweight and inexpensive enough to be used in many of the nation's 6,000 aquaculture operations, similar operations in Northern Europe and Asia, in addition to drinking water monitoring, the students say. Existing sensing devices that identify nitrates, THMs, dissolved oxygen content and algae in water, are expensive, complex and detail-oriented instruments beyond the financial reach of many farmers trying to establish fish or shellfish businesses. Most importantly, existing equipment requires water samples to be sent to laboratories for testing, which can take several days or more. The success of their device, they say, lies in its simplicity. Instead of a detailed analysis, aquaculturists "just want to know is my water different?" says Killarney, a U.S. Environmental Protection Agency STAR graduate fellow. UMaine has filed patent applications related to the device and integrated software that enables the analytical process. "Early detection means early warning, so they can pull their stock before (contaminates) get beyond the legal limit and save the stock," Killarney says. In the case of Bill Mook, the Damariscotta River oyster farmer whose operation Killarney and Ahern hope to use for beta testing, "he just wanted something to tell him this is the normal variance of what water should look like. Just give me something in real time that says, hey, something's different in the water right now." In 1998, had he known dumping of septic and chemical waste was occurring adjacent to his hatchery seawater intake on the Damariscotta River, Mook says he could have quickly identified the problem and shut down his pumps. "This would have saved hundreds of thousands of dollars in lost production and seven jobs," he says. The pollutant sensor relies on a new type of fluorescence spectrometer invented by consultant and management team member David LaBrecque, a UMaine engineering physicist and Chemistry Department research associate. The University of Maine filed a provisional patent on the spectrometer in 2010 and filed in 2011 a non-provisional U.S. patent application, according to LaBrecque, who will receive a percentage of any profits made by the use of the spectrometer and intellectual property. LaBrecque's circular diffraction spectrometer utilizes an inexpensive CD that diffracts light into bright, rainbow-like rings, which are then processed and converted into spectral data by a computer. Ahern says the device is simple with no moving parts and can significantly decrease the cost of the instrument. Advising the students is chemistry professor Howard Patterson, an expert in fluorescence spectroscopy. Other members of their management team includes Gregory Hall, chief of the chemistry section of the U.S. Coast Guard Academy in Connecticut and an expert in chemometric modeling of environmental samples; Kris Burton, director of technology commercialization in the UMaine Department of Industrial Cooperation who is assisting with business model development, licensing and commercialization; and John Belding, director of UMaine's Advanced Manufacturing Center. They also are assisted by student interns at the Foster Center for Student Innovation and several UMaine undergraduates. Ahern and Killarney are using the MTI seed money to establish the technical needs of prospective clients who might use their water monitoring services, to create a business plan and to develop the sensor prototype itself. They also intend to appeal for National Science Foundation funding to continue their work, which runs parallel to their academic interests and will be a part of their theses. Ahern is studying the fluorescence of oils in water and Killarney, who spent seven years in the biopharmaceutical industry, is studying personal care products and pharmaceutical fluorescence. Both say they are fortunate to have found a marketable solution for an industry problem and start a Maine-based company as part of the process. Contact: George Manlove, (207) 581-3756

Summer of Sculpture

22 Aug 2012

Glenn Swanson, a studio art major from York, Maine, spent this summer on campus participating in a class taught by UMaine sculpture professor Greg Ondo. In addition to creating a sculpture of their own, students worked side-by-side with artists taking part in the Schoodic International Sculpture Symposium, a six-week artist-in-residency program held this year in partnership with UMaine. Each student was assigned to an SISS sculptor, investigating aspects of that individual artist's culture, her/his approach to art specific to that culture, and techniques and conceptual aspects of the artist's individual process. **How did you get interested in sculpture?** Sculpture had not even been on my radar screen when coming to school. I had no experiences in 3-D work in high school, so it really took some time for me to get immersed. Midway through Sculpture II, I started to challenge myself to use the different machinery and materials available, and I really hit my stride. **What has your experience been like this summer with the Schoodic International Sculpture Symposium?** My experience with the symposium has been incredible. The artists have incredible motivation and it's infectious. I have been introduced to so many new techniques and tools that have broadened the types of things I can make. It has generated a whole new level of medium for me, and has created so

many ideas. **Which SISS sculptor were you assigned to? What did you learn from that sculptor about his/her process and technique that you will take with you in the future?** For the symposium, I was assigned to work with Koichi Ogino of Japan. Koichi has a lot of experience with public commissions and working in large-scale stone carving. He always told me to work slow, as carving is certainly not a quick process. Plus, it can be pretty meditative when you take your time to practice the technique correctly. I took some of his philosophy with me as well. Koichi says that he aims to create "good air," or a good atmosphere when he is creating the public art. He does this by really checking out the site where his final piece will go, and getting to know the people who live there. I asked him one time if he values one of these more than the other, and he said it was impossible to, because both of them are so important to building the atmosphere. **How did your work with that sculptor inform the sculpture you did for Greg Ondo's class?** Although my final piece for Greg's class looks nothing like any of Koichi's work, I was really drawn to the simplicity of shapes that Koichi uses. I tried to do the same thing with my sculpture by keeping features basic, but suggestive of familiar features. I think it encourages imagination and can create points of conversation from different viewers. **Why UMaine?** UMaine was primarily a financial choice in the beginning, but it grew to be a lifestyle choice shortly after I moved in freshman year. **What is the most interesting, engaging or helpful class you've taken at UMaine?** Sculpture is easily the most helpful class I have taken. It fosters my creative side, but it has also taught me a lot of problem-solving skills and given me the chance to learn valuable techniques such as forging, welding and wood work. **How would you describe the academic atmosphere at UMaine?** I find that the academic atmosphere here encourages students to be independent thinkers, and to take hold of their own education. We certainly have the guidance and resources we need, and many of the professors really want us to spearhead the development of our degrees. **Have you worked closely with a mentor, professor or role model who has made your UMaine experience better?** I can't attribute my experience to any one person. The entire atmosphere of UMaine and the Orono community (people, resources, recreation) has really been the creator of my college experience. **Have you had an experience at UMaine that has changed or shaped the way you see the world?** I was talking to my boss (Advanced Structures and Composites Center laboratory operations manager Vernon Darling) one day when he asked me where I wanted to go with my major. I listed off a variety of options of what I intended to do in the future when he said to me, "You know what life is, Glenn? Life is what happens when you're busy making plans." That has really stayed with me, and it always reminds me to take a step back when I'm in a funk. **Have you participated in any internships or co-ops related to your major?** I had an internship last summer in the Seacoast area of New Hampshire where I worked with at-risk teenage girls at an art program. There wasn't so much a focus on teaching technique, but more that we (myself and the other interns) had to be a constant in these girls' daily routine. I don't know that I had much classroom preparation, but the internship certainly gave me a greater insight to the amount of personal involvement related to teaching. **What are UMaine students like?** UMaine students are driven. Most people are here because they want an education, not just because college is "the next step after high school." **What surprised you about UMaine?** I never expected UMaine to have the kind of recreational resources it does, both on and off campus. **Describe UMaine in one word.** Unanticipated **What do you do outside of class?** I enjoy playing outside. I like to run, climb and ski. **Favorite place on campus?** Computer cluster in Fogler Library. It's sociable. **Favorite place off campus?** Changes all the time. **What's your favorite thing to eat on campus?** I get sandwiches from the sandwich bar in the Union if I eat on campus. **What is your favorite UMaine tradition?** My friends and I have done the Kenduskeag Stream Canoe Race every year. That's a blast. **What is your most memorable UMaine moment?** Having some of my work in the student art exhibition. I put a ton of work into a really personal piece and I was really happy to see it in the gallery. **What do you hope to do after graduation and how has UMaine helped you reach those goals?** I really just hope to be able to do something creative, whatever industry it may be in. I love making things and having pride in the finished piece, and my classes at UMaine have given me invaluable hands-on experience. **What was your first year like?** New things were being thrown at me all the time, and it was hard to pass up any new experience. It was pretty spontaneous. **What is your favorite memory of living on campus?** I was out of my comfort zone for sure, so it showed me that I could adapt. **What is there to do in Orono, Maine?** There's some good local music at the bars on occasion. Within a short drive there is also a huge variety of outdoor things you can do, like paddling and rock climbing. **What difference has UMaine made in your life?** It has taught me that you have to take initiative in all aspects of life. Nothing is going to be handed to you in the real world. **What advice do you have for incoming students?** Get excited about being in a new environment, and whatever it is that you want to get out of college, you're going to be the only one who can really make it happen. Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

What is Aquaculture?

22 Aug 2012

[Click here to view What is Aquaculture? video on YouTube](#)

Fruit Fly's Nasty Cousin

22 Aug 2012

[Click here to view Defending Against Spotted Wing Drosophila video on YouTube](#)

Podiatrist Who Collaborated With UMaine Wins National Award

22 Aug 2012

Local podiatrist Todd O'Brien has won the top prize at the 2012 American Podiatric Medical Association's annual scientific meeting for his oral abstract on an electronic tuning fork he invented and developed with assistance from the University of Maine's Advanced Manufacturing Center, the UMaine Foster Center for Student Innovation and the Maine Technology Institute. Tuning forks are considered one of the most accurate measures of human sensitivity to touch, and are commonly used by physicians to diagnose early signs of diabetic peripheral neuropathy, or damaged or deteriorating nerves in the feet of diabetics. O'Brien also participated in Maine's Top Gun program for entrepreneurs, which was hosted by the Foster Center. A [UMaine news release](#) has more information about UMaine's role in the tuning fork. Contact: George Manlove, (207) 581-3756

Charlie Slavin Remembrance Planned

22 Aug 2012

Students, faculty, staff and members of the broader community are invited to attend "Celebrating Charlie," an event from 5 p.m. to 7 p.m. on Friday, Sept. 14, to celebrate and remember Honors College Dean Charlie Slavin. The event will be held at the Collins Center for the Arts. Contact Honors College coordinator of advancement Emily Cain at (207) 581-3308 or emily.cain@umit.maine.edu with questions. Slavin died unexpectedly at home on July 30. Contact: George Manlove, (207) 581-3756

UMaine Police Department Donates Vests

22 Aug 2012

The University of Maine Police Department recently donated surplus ballistic vests to the police service in Botswana, a landlocked country in sub-Saharan Africa. The vests, which had accumulated in storage, were shipped to members of the Botswana Police Service as part of the UMPD's effort to recycle old and out-of-date equipment. UMaine police searched for an agency that could not afford to outfit its officers with brand-new vests. UMPD made a connection via an international forum read by FBI National Academy Associates, a nonprofit international organization of senior law enforcement officials, to David M.G. Mosetse, senior commissioner of the Botswana Police Service. The vests were shipped to Botswana's embassy in Washington, D.C., to be forwarded to the country's police service offices. "We got back some valuable storage space and the Botswana Police Service got some great equipment," UMPD Chief Roland LaCroix said. Contact: Jessica Bloch, (207) 581-3777

Media Coverage of Batting Pavilion Dedication

22 Aug 2012

Many news organizations, including the [Portland Press Herald](#) and [Bangor Daily News](#), covered Tuesday's dedication of the privately funded Paul J. Mitchell Batting Pavilion at the University of Maine. Mitchell, brother of former Senate

Majority Leader George J. Mitchell, who offered congratulatory remarks, was a member of the UMaine baseball team from 1946-1948 and serves on the University of Maine System board of trustees. U.S. Sen. Susan Collins, former Maine Gov. John Baldacci, UMaine President Paul Ferguson and several long-time UMaine athletics benefactors were among those in attendance. Paul Mitchell's family members undertook the campaign to add the new indoor batting pavilion for UMaine baseball and softball players. Channels 2 (WLBZ), 5 (WABI) and 7 (WVII) also provided coverage of the event. Contact: George Manlove, (207) 581-3756

Newspaper Reports on Construction Delays

22 Aug 2012

The [Bangor Daily News](#) interviewed Janet Waldron, UMaine vice president for administration and finance, about how the university is coping with planned and in-progress construction projects on campus after Gov. Paul LePage blocked the sale of state bonds approved by Maine voters in 2010. Major projects are ongoing and several minor projects are being delayed until the state funds are released, Waldron said. At least one building project is expected to save \$50,000 a year in energy costs. Contact: George Manlove, (207) 581-3756

BDN Special Sections Article UMaine Participation in Folk Festival

22 Aug 2012

The [Bangor Daily News](#) published a special sections article about three institutions at the University of Maine collaborating to bring traditional Maine crafts, occupations and storytelling to the American Folk Festival, which begins Friday, Aug. 24 on the Bangor waterfront. The UMaine Hudson Museum, the Page Farm and Home Museum and the university's Maine Folklife Center will feature demonstrations and discussions by game wardens, Maine guides, artists, a pack-basket maker and others at the Folk and Traditional Arts Area, focusing on outdoor life in Maine. Contact: George Manlove, (207) 581-3756

Student Affairs Vice President Comments on Princeton Review List

22 Aug 2012

University of Maine vice president for student affairs and dean of students Robert Dana spoke with Maine Public Broadcasting Network Tuesday about UMaine's designation by the Princeton Review as being among the top 20 so-called party schools in the country. Dana said the listing, while dubious, presents an opportunity to remind parents and students of the university's comprehensive substance abuse program, in addition to the education and outreach initiatives at UMaine to discourage substance abuse. UMaine was also mentioned in a [Bangor Daily News](#) report on Princeton Review's list of the top 220 colleges in 11 Northeast states. Contact: George Manlove, (207) 581-3756

UMaine Extension's Garland Interviewed on Gardening

22 Aug 2012

Channel 2 (WLBZ) interviewed University of Maine Cooperative Extension horticulturist Kate Garland for a feature on ways to create an "edible landscape" garden, which she said provides visual appeal and nutritional produce, including grapes, apples, blueberries and raspberries. Garland gave Tuesday one of a series of recurring public information sessions held at the Rogers Farm Forage and Crop Research Facility on Bennoch Road in Stillwater. Contact: George Manlove, (207) 581-3756

Dill Interviewed on Late Blight Precautions

22 Aug 2012

Jim Dill, a University of Maine Cooperative Extension pest management specialist, was interviewed by Channel 2 (WLBZ) about how gardeners can protect tomatoes and potatoes from late blight, a fungus that can kill fruits and

vegetable plants. Dill said pesticides are available as a first line of defense, but once blight occurs, affected leaves must be clipped and removed from the garden. Contact: George Manlove, (207) 581-3756

Brewer Comments in Financial Times

22 Aug 2012

UMaine political scientist Mark Brewer was interviewed by the [Financial Times](#) about former Maine Gov. Angus King, who is running for Maine's vacant U.S. Senate seat. Brewer commented on King's opinion that he might be a catalyst for changing the Senate's filibuster rule, telling the newspaper it is hard to imagine what could be big enough to extract that kind of exchange. Contact: Jessica Bloch, (207) 581-3777

Workshop to focus on growing seaweed

23 Aug 2012

In Maine and elsewhere, aquaculturists, harvesters, researchers and those in the business of making products from marine macroalgae are increasingly interested in seaweed. This is due to some innovative research being conducted in the region, and because Maine now has the first and only commercial kelp aquaculture operation in the United States, Portland-based Ocean Approved LLC. The seaweed industry will be the subject of a public workshop starting at 2 p.m. on Thursday, Aug. 30, at the University of Maine Hutchinson Center in Belfast. The workshop will cover the biology, culture techniques and products being made from seaweed, and will review the findings of a recent technology transfer project in kelp-shellfish polyculture, funded by the Maine Aquaculture Innovation Center. The workshop was originally scheduled for UMaine's Darling Marine Center in Walpole, but was moved to the Hutchinson Center due to higher-than-expected preregistration. "Put the research together with the commercial activity, and there's a buzz building," said Dana Morse, a marine extension associate with Maine Sea Grant and University of Maine Cooperative Extension. "At this workshop, we hope to discuss future needs in research, product development, equipment and husbandry." Charles Yarish, a University of Connecticut-Stamford seaweed researcher, will open the workshop with a talk titled, "Opportunities for Seaweed Mariculture in Northeast America." Anne Langston, the associate director of UMaine's Aquaculture Research Institute, will speak about resources to facilitate future research and development. Sarah Redmond of Maine Sea Grant and UMaine Extension will review potential consumer products based on seaweed. Paul Dobbins and Tollef Olson of Ocean Approved LLC will discuss kelp aquaculture, and several researchers from Quebec will also discuss growing kelp. The workshop concludes at 5 p.m. with a facilitated discussion about seaweed aquaculture. There is no cost for the workshop, but space is limited and registration is required. To register, contact Dana Morse at (207) 563-3146 ext. 205 or dana.morse@maine.edu, or Sarah Redmond at (207) 422-6289, sarah.redmond@maine.edu. For details about the project, visit Maine Sea Grant. Contact: Catherine Schmitt, (207) 944-1587 or catherine.schmitt@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Marketing Professors Weigh in on TV at the Pumps

23 Aug 2012

University of Maine marketing professors Harold Daniel and Paul Myer were interviewed for a [Portland Press Herald](#) article about a new marketing concept at some Irving gas and convenience stores in southern Maine and New Hampshire: TV screens at the pumps. Daniel said the feature provides one more way to make an impression on consumers. Myer agreed, and called the idea creative. Contact: George Manlove, (207) 581-3756

Yarborough in Newspaper Blueberry Crop Report

23 Aug 2012

The [Bangor Daily News](#) interviewed University of Maine Cooperative Extension blueberry specialist David Yarborough for a report on this season's bountiful wild blueberry harvest. Yarborough said he believes the crop will yield 100 million pounds, substantially up from the 83 million pounds from last year. [Mainebiz](#) published a summary of the BDN report. Contact: George Manlove, (207) 581-3756

Fly Larvae Information Noted in Newspaper Story

23 Aug 2012

A story on [Foster.com's](#) Sanford News website about the report of fly larvae found on the skin of a nursing facility patient in Sanford included information from the University of Maine Cooperative Extension's website. The story noted that larvae from houseflies develop within 12 hours of a female fly laying its eggs. Contact: Jessica Bloch, (207) 581-3777

Sensor Information Posted on Water Website

23 Aug 2012

The website [Water World](#) posted a UMaine news release about two graduate students who have developed a new rapid sensor system that will be able to detect a spike in pollutants in seawater. The sensor uses a novel fluorescence spectrometer to identify changes in concentrations of two common pollutants, nitrates and trihalomethanes. Contact: George Manlove, (207) 581-3756

White House Honors UMaine Economist

24 Aug 2012

The White House has named University of Maine economist Sharon Wagner a Champion of Change for leveraging her national service experience in AmeriCorps to become influential in her career. Wagner, an assistant professor in the School of Economics, served in AmeriCorps' National Civilian Community Corps following her graduation from the University of Massachusetts. She was one of 12 AmeriCorps alumni honored at the White House on Aug. 17. Stationed in Charleston, S.C., her team completed seven projects in the areas of education, the environment and unmet human needs throughout the southeastern United States. Wagner's experience led to her interest in conservation and the social and economic implications of energy decisions. "In a career path committed to service, my experience in AmeriCorps was a crucial step during a transition from youth to professional that gave me the confidence, knowledge and skills to solve critical social and environmental problems," Wagner said in a news release from the Corporation for National and Community Service, a federal agency that engages more than five million Americans in service through Senior Corps, AmeriCorps, and Learn and Serve America, and leads President Obama's national call to service initiative, United We Serve. Wagner's research focuses on the environmental, social and economic implications of energy decisions, with a main focus on solar energy solutions, and she teaches courses in sustainable energy economics and policy. The Champions of Change program was created to honor ordinary Americans doing great work in their communities. Each week, a different sector is highlighted and groups of champions, ranging from educators to entrepreneurs to community leaders, are recognized for the work they are doing to serve and strengthen their communities. Contact: Jessica Bloch (207) 581-3777 or jessica.bloch@umit.maine.edu

Yarborough, Moran in MPBN Blueberry, Apple Report

24 Aug 2012

The Maine Public Broadcasting Network interviewed University of Maine Cooperative Extension blueberry specialist David Yarborough about the status of Maine's wild blueberry harvest and Extension fruit tree specialist Renae Moran about apple crops. Yarborough said this year's blueberries will exceed last year's harvest and is approaching 95 million pounds. Moran told MPBN that a late spring frost hurt some trees and the 2012 harvest likely will be about 70 percent of what's normal. Contact: George Manlove, (207) 581-3756

Article Cites University of Maine Native American Research

24 Aug 2012

[A Sun Chronicle article](#) about a Biddeford City Council discussion on renaming a local park to honor the Abenaki Indian tribes included historical information about early tribal confederations in Maine that was attributed to a UMaine research paper from the mid-1990s. The article identified the Penobscot, Androscoggin and Wawenock tribes as being part of the Eastern Abenaki alliance, which was part of the larger Wabanaki Confederation. The confederation included both the Eastern and Western Abenaki, in addition to the Passamaquoddy of Maine, Micmac of Nova Scotia and Maliseets of eastern Maine and New Brunswick. Wabanaki homeland also extended from the Canadian Maritimes through most of northern New England to Lake Champlain in Vermont. Contact: George Manlove, (207) 581-3756

Pershing Copepod Video on Science 360

24 Aug 2012

[The website Science 360](#) has posted a University of Maine video of UMaine oceanographer Andrew Pershing discussing the importance of studying copepods, the tiny oceanic crustaceans that eat algae and become food for small fish and whales, and their roles in ocean ecosystems and the health of certain species of fish. Pershing says the variable abundance of copepods can affect health and reproductive patterns of tuna, whales and other ocean life. Contact: George Manlove, (207) 581-3756

Science 360 Features UMaine Deep Sea Coral Research

24 Aug 2012

[The website Science 360](#) has featured a [University of Maine news article](#) about UMaine marine scientist Rhian Waller, who has been studying deep sea coral in the fjords of Chile. She is studying the reproductive ecology of corals and links to climate change, fishing and oil exploration as part of a research expedition funded by the National Geographic Society. Waller hopes to show through several related projects the importance of deep-sea coral systems to the rest of the ocean ecosystem. In addition to National Geographic funding, Waller also has been supported by the National Science Foundation and the National Oceanic and Atmospheric Administration. Contact: Jessica Bloch, (207) 581-3777

Lichtenwalner West Nile Virus Advice Posted

24 Aug 2012

The NickerNews.net website has quoted University of Maine Cooperative Extension veterinarian Anne Lichtenwalner in a report on mosquito-borne West Nile Virus, which can be fatal to horses, human and other animals. [The article links to an Extension question and answer interview](#) with Lichtenwalner, director of the UMaine Animal Health Laboratory, and her video about precautions horse owners can take. Contact: George Manlove, (207) 581-3756

Maine Hello Parking and Traffic Alert

27 Aug 2012

The following information from the Division of Student Affairs relates to parking and traffic on campus leading up to Friday, Aug. 31 and the Maine Hello. As the University of Maine prepares for the arrival of the Class of 2016 on Friday, Aug. 31 it is important to be aware of parking lot closures and traffic pattern changes necessary to accommodate the large volume of first-year and new students arriving on campus. We encourage all faculty, staff and students to avoid traveling in or near the first-year area of campus (Hilltop and Stewart Quad areas) on Friday. Non-essential traffic will be rerouted away from these areas. The following list of parking lots and roads will be closed this week for the Maine Hello: Stewart Quad parking area - Closed Monday, Aug. 27 through Friday, Aug. 31 Knox parking lot - Closed Wednesday, Aug. 29 through Friday, Aug. 31 Jenness North parking lot - Closed Wednesday, Aug. 29 through Friday, Aug. 31 Hilltop parking lot - Closed Wednesday, Aug. 29 through Friday, Aug. 31 Gannett/Cutler - Closed Wednesday, Aug. 29 through Friday, Aug. 31 Somerset parking lot - Closed Wednesday, Aug. 29 through Monday, Sept. 3 CCA parking lot - Closed Friday, Aug. 31 Belgrade parking lot - Closed Friday, Aug. 31 Advanced Structures and Composites Center parking lot - Closed Friday, Aug. 31 Additionally, Flagstaff Road will only be open one way, from Long Road to Belgrade Road, on Friday, Aug. 31. Contact: Jessica Bloch, (207) 581-3777 or

TV Report on Sculpture Symposium Talk

27 Aug 2012

Bangor TV station [WVII](#) reported on an appearance Friday of three artists participating in the Schoodic International Sculpture Symposium, which is being held this year in partnership with UMaine in the Steam Plant parking lot on College Avenue in Orono. Three of the sculptors spoke at an event in Acadia Hospital in Bangor. Contact: George Manlove, (207) 581-3756

Thousands on UMaine Campus Monday for Summer Tour

27 Aug 2012

The University of Maine campus was packed Monday, Aug. 27 with thousands of visitors from around the country for the third Summer Tour, a UMaine admissions event that gave prospective students and their guests the opportunity to ask questions about UMaine, tour the campus, get a glimpse of student life and even skate on the same ice sheet as the UMaine hockey teams. Nearly 2,300 students and their guests preregistered for the event, the popularity of which has grown each year. Last year nearly 1,900 people preregistered for Summer Tour and there were 1,500 attendees in 2010. Summer Tour started Monday morning with check-in on the University Mall, during which time attendees had a chance to speak one-on-one with UMaine students, faculty and administrators in their areas of academic interest and met with representatives from academic student groups, admissions and financial aid. Attendees thronged tables representing each college and other UMaine divisions and programs such as the Explorations program, the Foster Center for Student Innovation, and the Division of Lifelong Learning. UMaine President Paul Ferguson and other members of the administration, along with UMaine mascot Bananas the Bear, greeted attendees Monday morning. Following a series of tours and presentations at locations throughout the campus, Summer Tour attendees reconvened at Alfond Arena for the Maine Event, which included the Black Bear Picnic. There were also information tables on UMaine student organizations. Contact: Jessica Bloch (207) 581-3777 or jessica.bloch@umit.maine.edu

Article Weighs Value of UMaine Sports

27 Aug 2012

Several University of Maine administrators and others were interviewed for a [Bangor Daily News](#) article discussing the cost and value of UMaine's athletics programs and sports teams. UMaine President Paul Ferguson, Athletic Director Steve Abbott, Vice President for Administration and Finance Janet Waldron and UMaine history professor Howard Segal were interviewed for the story. Ferguson said the teams help students develop leadership and team-building skills, and athletic events often serve as a positive first exposure for many people to the university. Contact: George Manlove, (207) 581-3756

Economist Participating in Energy Study Tour in Canada

27 Aug 2012

A University of Maine researcher who specializes in the economics of energy, light-duty transportation, greenhouse gas emissions and alternative fuels is heading to Alberta, Canada, Aug. 28-30 to participate in a tour of the Canadian oil sands region, which contains one of the largest proven oil reserves in the world second only to Saudi Arabia. Jonathan Rubin, a professor in UMaine's School of Economics and the Margaret Chase Smith Policy Center, was invited along with representatives from other U.S. academic and research institutions by the Canadian government, which is sponsoring the trip. The tour will include visits to the oil sands in Fort McMurray, Alberta, as well as meetings with experts and government officials, and opportunities to discuss collaboration. Rubin notes many Americans may not realize Canada is now the largest supplier of crude oil to the U.S., accounting for about 25 percent of all imports. One concern about the oil from this region, he adds, is that it has about 15 percent more greenhouse gas emissions than

conventional imported oil on a life cycle basis. “This trip is an opportunity to get a first-hand account of environmental, economic and social aspects of Canadian oil sands production,” Rubin says. Rubin's research investigates low-carbon transportation fuels, biofuel pathways, and the potential economic and environmental impacts from trading greenhouse gases and fuel efficiency credits for automobiles and light-duty trucks. He is one of six researchers involved in the National Low Carbon Fuel Standard Project, which announced in July its findings that fuels of the future will be cleaner and cheaper if the U.S. adopts a national low-carbon fuel standard. Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Editorial Discusses UMaine, Princeton Review List

27 Aug 2012

[A Bangor Daily News editorial](#) discussed the recent Princeton Review listings of colleges and universities with rankings in a variety of areas, including access to professors, food quality, student satisfaction and campuses prone to partying. The editorial acknowledged that while the ratings are subjective and hard to quantify, university leaders would be well-served to scrutinize them. Contact: George Manlove, (207) 581-3756

Peru Newspaper Interviews UMaine Graduate Student

27 Aug 2012

El Comercio, Peru's leading newspaper, has published an interview with University of Maine Ph.D. student Ana Cecilia Mauricio, who recently completed her master's degree in Quaternary and Climate Studies at UMaine and organized with a Peruvian graduate student, the first conference on Lima culture in the first millennium A.D. in the area around Peru's capital, Lima. The newspaper called Mauricio and her colleague representative of “a new generation of archaeologists, trained in (Peru) with foreign doctorates, who bring a new vision to carry out their work and understand a country as complex as Peru.” Contact: George Manlove, (207) 581-3756

Dill Comments on Summer's Garden Slugs

27 Aug 2012

An article in the [Portland Press Herald](#) about the proliferation of crop-damaging garden slugs this summer included comments from University of Maine Cooperative Extension pest management specialist Jim Dill, who offered suggestions to kill or discourage slugs, including placing shallow cans of beer or copper screens in the garden. Contact: George Manlove, (207) 581-3756

Cooperative Extension Tomato Advice in Sun-Journal

27 Aug 2012

[The Lewiston Sun Journal](#) interviewed University of Maine Cooperative Extension food preservation program aide Kate McCarty about preserving fresh garden tomatoes. McCarty discussed ways to preserve tomatoes, including making salsas with fruit or jalapeno peppers. The article included recipes for salsa and homemade tomato ketchup. Contact: George Manlove, (207) 581-3756

Bangor Daily News Notes Puckerbrush Review Milestone

27 Aug 2012

The [Bangor Daily News](#) published an article about the 2012 Spring Summer edition of the University of Maine-affiliated Puckerbrush Review, a publication of Maine letters, poetry and other literary works created in the 1970s by UMaine English professor and poet Constance Hunting, and edited by UMaine English professor Sandy Phippen after Hunting's death in 2006. Phippen announced in the latest issue his retirement. Several University of Maine instructors and professors continue to contribute work to the magazine. Contact: George Manlove, (207) 581-3756

Plant Disease Expert in Press Herald Garden Column

27 Aug 2012

A [Portland Press Herald gardening column](#) about insect pests and fungal blight included comments from University of Maine Cooperative Extension plant disease diagnostician Bruce Watt. Watt said although gladiolus rust fungus, which spoils gladiolus blossoms and leaves, hasn't been reported in Maine yet, the good news is that gladiolus rust usually dies with the leaves and doesn't harm the bulbs. Contact: George Manlove, (207) 581-3756

Science 360 Features Two UMaine Research Stories

27 Aug 2012

The [website Science 360](#), a science news website of the National Science Foundation, featured two UMaine research projects on its home page Friday. A UMaine video about copepod research being performed by researcher Andrew Pershing was featured, as was a UMaine news release about marine scientist Rhian Waller, who is in Chile researching deep-sea corals. Contact: Jessica Bloch, (207) 581-3777

Schoodic International Sculpture Symposium Comes to an End

28 Aug 2012

Eight internationally known sculptors are putting the finishing touches on their work this week as the Schoodic International Sculpture Symposium (SISS) enters its final days in the University of Maine's Steam Plant parking lot. The site is free and open to the public daily from 9 a.m. to 5 p.m. through Aug. 30, when a closing ceremony will be held at 3 p.m. at the site. Seven of the finished sculptures will be on display before they are moved to their permanent locations in Bangor and Orono. Old Town's sculpture, which was created by Ton Kalle, is scheduled to be relocated earlier this week to its new home in Riverfront Park. SISS, which has been held this year in partnership with UMaine, has had thousands of visitors to the site since the symposium opened on July 22. The fourth symposium since 2007, this year has been the first time it has been held outside the Schoodic region of the Maine coast. SISS brought a total of eight sculptors from Japan, the Republic of Korea, the Netherlands, Taiwan, New Zealand and Maine to Orono for the six-week event. Each sculptor was paired with one of the participating community partners — the University of Maine, the University of Maine Foundation, Husson University, Acadia Hospital, the town of Orono and the cities of Bangor and Old Town — to create a sculpture for a site chosen by each partner's committee. Volunteers from each of the seven SISS partners have staffed the site each day. Each partner group has done its own fundraising for its participation in SISS, and donations are still being accepted. For more information, contact the following representatives:

- Acadia Hospital: Lynda Rohman (lrohman@emh.org)
- City of Bangor: Judy Boothby (charlesboothby35@msn.com)
- Husson University: Julie Green (greenj@husson.edu)
- City of Old Town: James Dufour (jdufour@macchasedufour.com)
- Town of Orono: Lianne Harris (lharris@nehs.net)
- University of Maine: Janet Waldron (angela.mccormack@umit.maine.edu)
- University of Maine Foundation: Judith Round (round@maine.edu)
- Contact: Tilan Langley, (207) 263-6057 or tilan@schoodicsculpture.org; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Annual Athletics Gear Sale This Week

28 Aug 2012

The annual Bear Necessities Tent Sale will be held Thursday, Aug. 30 through Sunday, Sept. 1 in the Memorial Gym

Parking Lot. The tent sale will be open 8 a.m.-6 p.m. Thursday, 6 a.m.-7 p.m. Friday and 10 a.m.-4 p.m. Saturday. The sale will feature Black Bear apparel, including crew neck sweatshirts for \$15, hoodies for \$25, jackets for \$20, t-shirts as low as \$5 and much more, in addition to items for the athletics equipment room. Contact: Jessica Bloch, (207) 581-3777

Turkey Op-Ed on International Relations Website

28 Aug 2012

University of Maine political science professor and department chair Jim Warhola published a commentary on the [e-International Relations website](#) for students of international politics about constitutional change in Turkey under the Islamic-oriented Justice and Development Party over the last 10 years. Warhola contends that the new direction is a step forward for Turkey. Contact: George Manlove, (207) 581-3756

McConnon Comments about Fiscal Cliff

28 Aug 2012

An article in My Generation, one of a group of KeepMEcurrent newspapers in southern Maine, included comments from University of Maine Cooperative Extension specialist and professor of economics Jim McConnon about the possibility of a fiscal cliff, or a return to another economic recession for the nation, if Congress fails to agree on extending some of the Bush-era tax cuts. McConnon said he doubts Congress will allow the entire list of tax cuts to expire in January. Another economic plunge will affect retiring baby boomers more seriously now than the crash several years ago, the article says. Contact: George Manlove, (207) 581-3756

Dill Interviewed for West Nile Virus Report

28 Aug 2012

A [Portland Press Herald](#) article about a southern Maine school district's decision to spray pesticides to protect children from possible West Nile Virus included comments from University of Maine Cooperative Extension pest management specialist Jim Dill, who called the decision a prudent proactive approach to the possible spreading of mosquito-borne diseases. Contact: George Manlove, (207) 581-3756

Klimis-Zacas Research Cited in Blueberry Health Article

28 Aug 2012

An article on the health benefits of wild North American blueberries in the [Toronto Sun cites research](#) by University of Maine professor of clinical nutrition Dorothy Klimis-Zacas and a University of Milan graduate student. Among the many physical, cardiovascular and cognitive benefits of blueberries, the researchers have established that regular wild blueberry juice consumption also favorably increase good bacteria in the gut. Contact: George Manlove, (207) 581-3756

News Media Cover UMaine Summer Tour

28 Aug 2012

[Channel 5 \(WABI\)](#) interviewed University of Maine President Paul Ferguson for a report on Monday's Summer Tour, an admissions event held to introduce more than 2,000 high school students to UMaine academic programs, admissions, financial aid and student life. Ferguson said many visitors told him they were surprised by the depth and breadth of UMaine programs and facilities. [Channel 2 \(WLBZ\)](#) also covered the event and interviewed Jimmy Jung, UMaine's vice president for enrollment management. Contact: George Manlove, (207) 581-3756

UMaine Extension's Garland Interviewed about 'Kids Can Grow'

28 Aug 2012

University of Maine Cooperative Extension horticulturist Kate Garland was interviewed for a Channel 5 (WABI) report on the Kids Can Grow program in Bangor, organized by UMaine Extension and the Bangor Housing Authority to spark children's interest in backyard gardening. Garland said participating children had a chance to learn about gardening, responsibility and taking pride in their work. Contact: George Manlove, (207) 581-3756

Tracking Tidal Marsh Birds

29 Aug 2012

UMaine graduate student Kate Ruskin and several fellow students spent the summer working in Scarborough, Maine, under the direction of Brian Olsen, an assistant professor in UMaine's School of Biology and Ecology who is researching Maine's tidal marsh birds. The students captured birds and tracked nests to help explain how new species are formed and predict how animals will respond to climate change and future landscape development.

Advanced Structures and Composites Center Contributes to Brooklyn Bridge Park Project

22 Aug 2012

Black locust (*Robinia pseudoacacia*) is among the strongest and most rot-resistant wood species in North America, yet it is rarely used in major construction projects because it doesn't always grow straight and can warp. One national engineering firm decided to take a chance on black locust, however, and through subcontractor E2PM Project Management LLC, recently hired the University of Maine's Advanced Structures and Composites Center to conduct critical testing for strength and stiffness of black locust beams to be used in a project being constructed in the shadow of New York City's legendary Brooklyn Bridge. The center tested three types of beams that will be used in a new 400-foot overhead footbridge that will take pedestrians from the new Brooklyn Bridge Park under the Brooklyn Bridge to Squibb Park in the Brooklyn Heights neighborhood of the borough. "It's an interesting project and a little unusual for us, but it's exactly the type of thing that we like to do," says Russell Edgar, who directed the testing as the center's wood composites manager with assistance from Jon Hill, the center's laboratory engineering specialist, and UMaine wood science major Howard Friant. "Black locust has all of these unusual properties, so it was an exciting project for us to be a part of. As a wood guy, it was exciting to work with something a little different." The testing took place from March to June. Black locust is considered an underutilized species, yet it can last much longer than others. Edgar says depending on the application, a structure made of black locust might have a life span of up to 70 years because of its rot-resistant properties, compared to structures from other wood species more commonly used in construction, which might have a life span of 40 years. Ted Zoli, the MacArthur Fellow-winning engineer who designed the footbridge for engineering firm HNTB, said in a recent Popular Mechanics magazine article that the species' propensity to warp slightly will be a "desired effect" for the bridge. Bridge members are being installed in green condition, without seasoning or treatment. "Black locust was used historically a lot for fence posts because of its rot resistance and because it doesn't grow particularly straight as a large tree (e.g. possesses undesirable cross grain when cut into lumber), and that's historically been one of the problems," says Edgar, who earned his master's degree in wood science from UMaine. "(HNTB is) turning a perceived negative into a positive, saying they know the bridge members are going to warp slightly as they are exposed to the natural elements." The black locust tested at UMaine came from the New York-Pennsylvania border area. Black locust is primarily found in the Southeast, mid-Atlantic and Northeast, including Maine. Because black locust hasn't often been used in bridge applications, the engineers wanted to do testing to confirm the design values that had been published in the U.S. Department of Agriculture's Forest Products Laboratory Wood Handbook. The handbook lists values of strength, stiffness and other characteristics of hundreds of wood species. "The testing in the handbook was done decades ago on small, clear, straight-grained, often first-generation pieces of wood, so they have relatively high values compared to what you would get if you went out into the forest and cut down a tree today," Edgar says. "For a bridge of this size and importance in this location, the engineers wanted to make sure they did their due diligence and have a good handle on the proper flexural and compressive strength and stiffness design values of the actual resource that they will be using." The Advanced Structures and Composites Center tested four members being used in the bridge, including 6-inch and 10-inch diameter round pieces used for the truss, 4-inch by 10-inch crossbeams, and 2-inch by 8-inch stringers. The testing occurred in two phases. In the first phase, Edgar, Hill and

Friant conducted destructive testing, taking the wood pieces to failure to determine strength and stiffness. The 6-inch diameter pieces were tested under a 300,000-pound hydraulic actuator, with the average maximum load in compression parallel to grain testing coming in at 148,000 pounds of force, and an average ultimate compressive stress of more than 4,000 pounds per square inch (psi). In the second phase, they took approximately 5 percent of the actual pieces that are going into the bridge and tested them nondestructively, meaning the beams were brought up to proof loads that the engineers designed as minimum strength values to ensure the pieces could sustain those loads. The center also tested several small clear pieces of black locust from this resource to determine bending and compressive strength and stiffness, comparing the current values with those published decades ago in the wood handbook decades ago. Edgar hopes to publish the results of this testing program. "The testing has derived design values that the engineers feel comfortable are sufficient for this bridge," he says. "This is going to be a high-profile demonstration of the structural use of this interesting species." Contact: Russell Edgar, (207) 581-2101; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Summer Tour 2012

29 Aug 2012

[Click here to view Summer Tour 2012 video on YouTube](#)

Taking a Swing

29 Aug 2012

[Click here to view Paul Mitchell Dedication video on YouTube](#)

Segal Elected Phi Beta Kappa District Senator

29 Aug 2012

University of Maine professor of history Howard Segal was elected the New England District Senator for the Phi Beta Kappa honor society during the organization's recent Triennial Council in Palm Beach, Fla. His term is for six years. The senate is Phi Beta Kappa's governing body. Contact: George Manlove, (207) 581-3756

Journal Features Blackstone Women-in-Power Research

29 Aug 2012

The [Human Resources Journal](#) has published an article about research by University of Maine professor and Department of Sociology chair Amy Blackstone and colleagues about sexual harassment of women in supervisory positions. The researchers found that female supervisors faced workplace harassment 138 percent more than others and experienced it 78 percent more often than non-supervisors. Occurrences were considered intentionally demeaning and a way to "keep women in their place," according to Blackstone. Contact: George Manlove, (207) 581-3756

Senior College Featured in TV Report

29 Aug 2012

In a [Channel 5 \(WABI\) interview](#), Penobscot Valley Senior College curriculum chair Christina Diebold discussed classes offered at the senior college at the University of Maine in Orono and the University of Maine at Augusta. Class are offered under the auspices of the UMaine Center on Aging and the Maine Senior College Network at the University of Southern Maine. The classes, which begin Sept. 27, cost \$30 and require no prerequisites, exams, papers or grades. Contact: George Manlove, (207) 581-3756

UMaine Extension 4-H Program Featured

29 Aug 2012

In an article about the coming Phillips Outdoor Heritage Days, the [Irregular newspaper](#) in Kingfield described the University of Maine Cooperative Extension 4-H archery program, offered for more than 50 years at the 4-H Camp and Learning Center at Bryant Pond, as a program that strengthens children's relationships with the natural world through a combination of outdoor fun, practical woods-wise skills and hands-on conservation education. Contact: George Manlove, (207) 581-3756

ROTC Scholarship Cruises Planned

29 Aug 2012

[The Morning Sentinel](#) advanced a series of Penobscot Bay afternoon and sunset cruises on the historic schooner Bowdoin, an annual fundraising project to raise scholarship funds for students in the Naval ROTC programs at the University of Maine and Maine Maritime Academy, and to recognize outstanding merchant marine graduates. The cost is \$35 per person. Cruises are scheduled for Sept. 17-18 and leave from the Castine Town Dock. Contact: George Manlove, (207) 581-3756

Channel 2 Reports on Cianbro, Colleges Partnership

29 Aug 2012

[Channel 2 \(WLBZ\)](#) reported on a new partnership among Cianbro construction company, the University of Maine, Saint Joseph's College and Kennebec Valley Community College to allow Cianbro employees to take online classes to further their education and advance skills through what's being called the Cianbro Institute. Contact: George Manlove, (207) 581-3756

Wood Science Professor in Report on Canadian Mill Opening

29 Aug 2012

UMaine wood science professor Bob Rice was quoted in a [Bangor Daily News story](#) about a proposal to restart a paper mill in Nova Scotia with significant subsidies from the provincial government. Rice said should the mill open, the changes of the paper mill in Millinocket reopening would be greatly reduced. He also predicted the Canadian mill wouldn't have a huge impact on Maine's overall paper industry, but the effect wouldn't go unnoticed. Contact: Jessica Bloch, (207) 581-3777

UMaine, Casella Pipeline Talks Continue

30 Aug 2012

The [Bangor Daily News](#) reported that the Maine Public Utilities Commission has granted a fifth extension to allow a Casella Waste Systems Inc. subsidiary and Bangor Gas Co. LLC to continue discussions over whether a proposed pipeline bringing methane gas from a local landfill to the University of Maine will hurt business for Bangor Gas, which sells gas in the area. UMaine expects to save \$15 million by using Juniper Ridge Landfill's methane to run boilers and heat buildings over a 20-year period. The [Equities.com website](#) also posted the story. Contact: George Manlove, (207) 581-3756

News Coverage of Blackstone Sexual Harassment Findings

30 Aug 2012

[Channel 2 \(WLBZ\)](#) and the [AOL Jobs website](#) have reported on research by University of Maine sociologist Amy Blackstone and colleagues about the increased likelihood of sexual harassment of women in supervisory positions. The researchers found that female supervisors faced workplace harassment 138 percent more than women who weren't in

supervisory roles. Occurrences were considered intentionally demeaning, according to Blackstone. Contact: George Manlove, (207) 581-3756

Sidelko Interviewed for Report on UMA Smoking Ban

30 Aug 2012

Lauri Sidelko, the director of UMaine's Student Wellness Resource Center, was mentioned in a [Kennebec Journal report](#) on the news that UMaine-Augusta will ban smoking on its campus starting in January. Sidelko said UMaine, which was the first University of Maine System campus to ban smoking, has had fewer than 10 students reported for violations. Contact: Jessica Bloch, (207) 581-3777

Final Sculpture Symposium Artwork Unveiled

31 Aug 2012

The Schoodic International Sculpture Symposium (SISS) closed Thursday, Aug. 30, with the unveiling of the finished sculptures and a closing ceremony in the University of Maine's Steam Plant parking lot. SISS, a partnership this year with UMaine, was a 6-week artist-in-residence program that brought eight sculptors from Maine and around the world to Orono, where the artists each created a public sculpture for partner sites in Bangor (City of Bangor, Husson University and Acadia Hospital), Orono (Town of Orono, University of Maine and the University of Maine Foundation) and Old Town (City of Old Town). There will be three sculptures on the UMaine campus.

UMaine Economist Wins Receives International Award

31 Aug 2012

Kathleen P. Bell, an associate professor in the School of Economics, has received an international Sören Wibe Prize from the Swedish Journal of Forest Economics for an article she coauthored in 2011 on evaluating programs designed to protect forests from the invasive forest pest hemlock woolly adelgid. Bell and coauthors Thomas P. Holmes, a U.S. Forest Service Southern Research Station Economist in North Carolina, and Christopher Moore, a U.S. Environmental Protection Agency Economist in Washington, D.C., will receive a prize and a diploma. They have also been invited to present the results of their research, titled "An attribute-based approach to contingent valuation of forest protection programs," to colleagues at the Swedish University of Agricultural Sciences. The Sören Wibe Prize is awarded biannually for a paper that "presents considerable development in empirical knowledge or methodology in the field of forest economics and is published in the Journal of Forest Economics during the two preceding years." The manuscript was selected by an independent international committee consisting of three experts in the fields of forest and environmental economics. Contact: George Manlove, (207) 581-3756

UMaine Presenting California Proposition 8 Trial Play '8'

31 Aug 2012

The University of Maine School of Performing Arts, with license from the American Foundation for Equal Rights and Broadway Impact, is offering on Wednesday, Sept. 26 a student reading of "8," the Broadway play chronicling California's Federal District Court trial Perry v. Schwarzenegger, now Perry v. Brown, challenging the state's Proposition 8, a constitutional provision denying gay and lesbians the ability to marry. Written by Academy Award-winning screenwriter Dustin Lance Black, a founding member of the American Foundation for Equal Rights (AFER) and author of screenplays for "Milk" and "J. Edgar," "8" is based on trial transcripts, firsthand courtroom observations and interviews with plaintiffs and their families. UMaine senior Garrett Rollins is directing the free performance, which begins at 7:30 p.m. in Minsky Recital Hall, Class of 1944 Hall. [More information about the play is available on the "8" website](#). Contact: George Manlove, (207) 581-3756

UMaine Sponsoring Tree Tour of Oat Nuts Park in Portland

31 Aug 2012

University of Maine Cooperative Extension is offering a tree identification tour in Oat Nuts Park in Portland from 1 p.m. to 3 p.m. on Friday, Sept. 28. Portland city arborist Jeff Tarling will lead a tour through the park and down to the Presumpscot River Preserve. Oat Nuts Park, on Summit Street, is the gateway to the Presumpscot River Preserve and part of the Forest City Trail, which runs from the Stroudwater Trail to the Presumpscot River and Presumpscot Falls. This event is free and open to the public, but preregistration is requested. To register, call the UMaine Extension office in Cumberland County at (800) 287-1471 (in Maine) or (207) 781-6099 before Monday, Sept. 24. The tour is an organized outing of the Maine Tree Club, an educational outreach program established by UMaine Extension, the Maine Forest Service and Viles Arboretum. The club works to teach people of all ages how to identify 50 trees of Maine over a two-year period; to teach participants how to best care for trees on their property and in their community; and to help people to better understand the importance of trees to Maine, their ecosystems and their economy. For more than 90 years, University of Maine Cooperative Extension has supported UMaine's land-grant public education role by conducting community-driven, research-based programs in every Maine county. Contact: Amy Witt, (207) 781-6099, amy.witt@maine.edu

Newspaper Features Physical Sciences Partnership

31 Aug 2012

The [Castine Patriot](#) published a feature story about the Maine Physical Sciences Partnership (PSP), a collaboration of some 50 rural Maine schools, three University of Maine colleges, three Maine nonprofits with expertise in science education, and science and technology leaders at the Maine Department of Education to promote the teaching and learning of physical sciences in grades 6-9, and the preparation of science teachers at the University of Maine. Several participating teachers said the program training also improves teaching methods. Erika Allison, the Maine PSP program director, said in an interview the goal of the program is to get students to do science instead of merely reading about it. Contact: George Manlove, (207) 581-3756

News Site Reports on Aquaculture Center Noise Complaint

31 Aug 2012

[The Fenceviewer](#), an affiliated online publication of the Ellsworth American, has reported on complaints a Franklin property owner has raised over noise emitted from the nearby University of Maine Center for Cooperative Aquaculture Research. Stewart Harvey, UMaine interim director of facilities management, explained the importance of the facility's water chillers, which are blamed for the noise, in maintaining the animals in the facility. Contact: George Manlove, (207) 581-3756

News Media Cover Sculpture Symposium Ceremony

31 Aug 2012

Several area news organizations, including the [Bangor Daily News](#), covered the closing ceremony of the 2012 Schoodic International Sculpture Symposium, which ended Thursday after six weeks of cutting, grinding and polishing of massive granite works of art by sculptors from Maine and around the world. [Channel 7 \(WVII\)](#) also covered the closing ceremony. The [Equities.com website](#), affiliated with the Maine McClatchy-Tribune news service, also posted the Bangor Daily News article. Contact: George Manlove, (207) 581-3756

UMaine's Morse Interviewed for Seaweed Workshop Report

31 Aug 2012

Dana Morse, a member of the Marine Extension Team and a Maine Sea Grant researcher based at the University of Maine's Darling Marine Center, was interviewed for a Channel 5 (WABI) news report on a workshop held at the University of Maine's Hutchinson Center in Belfast to discuss the value and commercial potential of native Maine

seaweed, already used in a variety of consumer products. Morse said interest in harvesting seaweed for commercial use has been growing lately and scientists are working to help determine the profitability for harvesters. The workshop was also covered by Channel 7 (WVII). Contact: George Manlove, (207) 581-3756

Interim Honors College Dean Named

01 Sep 2012

David Gross, professor emeritus of English at the University of Oklahoma, has been named interim dean of the University of Maine Honors College, where he has been a part-time faculty member since 2005. Gross has been endorsed by University of Maine System Chancellor James H. Page and recommended to the Board of Trustees as interim dean. His term of service will begin this semester. Gross will assume the interim role due to the sudden passing this summer of Honors Dean Charlie Slavin. Gross had a distinguished academic career at the University of Oklahoma. For five years, he served as assistant director of the University of Oklahoma Honors Program, and was a member of a diverse number of university and college administrative committees, including the University Budget Council, Graduate Council and College Executive Council. He has been recognized by the University of Oklahoma Regents for Excellence in Teaching and received numerous awards, including the College of Liberal Studies Kenneth Crook Outstanding Faculty Award, the Student Association Award for Outstanding Teaching in the College of Arts and Sciences, the Association of English Graduate Students First Annual Award for Excellence in Teaching, General Education Teaching Award, and the College of Liberal Studies Superior Teaching Award. Gross received a B.A. in French (with Honors) from Wesleyan University, and an M.A. and Ph.D. in comparative literature from the University of Iowa. A national search for a permanent dean of the Honors College will be conducted this academic year. Contact: Margaret Nagle (207) 581-3745

Enrollment Officer Comments in Student Numbers Report

04 Sep 2012

University of Maine Vice President for Enrollment Management Jimmy Jung was interviewed about UMaine enrollment for an Associated Press article about enrollments within the University of Maine System. Several news outlets, including the [Bangor Daily News](#), the Boston Globe website and The Republic in Columbus, Ind., ran the report. In spite of almost universal enrollment declines, Jung said that UMaine saw a 12 percent increase in first-year students and incoming transfers from last year. He also mentioned several steps the system's flagship university is taking to boost the numbers even more. An Associated Press article published on Boston.com about classes beginning at University of Maine campuses noted that UMaine has the largest enrollment in the UMaine System, with more than 11,000 students. Contact: George Manlove, (207) 581-3756

Davenport Explains Blue Moon Phenomenon

04 Sep 2012

The [Kennebec Journal](#) interviewed Alan Davenport, director of the University of Maine Jordan Planetarium, about the weekend's blue moon, the uncommon appearance of a second full moon in one month. Davenport explained that a blue moon isn't really blue and, in fact, not all that rare, even though it occurs only once every two-and-a-half years. The event, however, has been the subject of folklore and has been referenced in several ballads and songs. Contact: George Manlove, (207) 581-3756

Brewer Comments in GOP Positions Report

04 Sep 2012

University of Maine political scientist Mark Brewer was interviewed for a [Maine Public Broadcasting Network](#) report on how moderate Maine Republicans will reconcile their positions on controversial, conservative planks in the national GOP agenda. Such GOP provisions include an English as the national language initiative, pro-life stances and same-sex marriages. Brewer said he thinks Maine Republicans will be pressed to explain their stances. Contact: George Manlove,

(207) 581-3756

Business School Dean Comments in China Trade Mission Report

04 Sep 2012

A report posted on the [Kennebec Journal website](#) about Maine Gov. Paul LePage's upcoming trade mission to China included a comment from Ivan Manev, dean of UMaine's Maine Business School. Manev said UMaine is looking to establish new partnerships with Chinese institutions and find more exchange and internship opportunities for UMaine students. Contact: Jessica Bloch, (207) 581-3777

UMaine Experts in Article on Potato Harvest

04 Sep 2012

A [Maine Today Media story](#) about how a lack of rain could stunt this year's upcoming potato harvest includes interviews with Steven Johnson, a crop specialist at the University of Maine Cooperative Extension, and Gregory Porter, a professor of crop management. Johnson said the prized Russet Burbank potatoes could die without enough water and those that survive produce smaller potatoes. Porter said the lack of rain will produce good quality potatoes but that won't offset low yields and small sizes. Contact: Jessica Bloch, (207) 581-3777

Sports Writers

05 Sep 2012

Tennis star Serena Williams does it. Olympic legend Michael Phelps did it during the 2012 London Games. Baseball player Carlos Delgado was profiled in a 2006 *New York Times* story for doing it. So did the soccer teams Richard Kent coached around 30 years ago when he was teaching high school students in the western Maine town of Rumford. Now an associate professor in the University of Maine's College of Education and Human Development and the director of the UMaine-based Maine Writing Project, Kent has developed the concept of team notebooks in which athletes spend time in the course of a sports season writing evaluations of their preseason goals, feelings about games they have played and watched, and postseason outcomes. He relates the notebooks concept to differentiated learning, which acknowledges that the variety of ways in which students learn in a classroom (or on a field, court or wherever athletes do their work) requires a teacher (or coach, trainer or adviser) to present a variety of learning techniques. For athletes — from Olympians to high school players — Kent's research shows that keeping a journal is a way to decompress, unpack mentally and think critically about the outcome of a game, match or other sporting event. Some use journaling in preseason to clarify their goals for the upcoming competition, or in the postseason to set themselves up for off-season training. Others write while an event is in progress. Delgado, for example, was known to keep notes in the dugout when he wasn't playing. "The team notebook is a way for athletes to communicate more directly with a coach, but even more than that, for them to think about learning in different ways," Kent says. "What we know about learning these days is that we all learn differently, and in fact it's differentiated instruction for coaches. This really mirrors what we know in the College of Education and Human Development of the effective classroom, which is that we address learners where they come from. "In other words, we all have different ways to learn. Some of us do well by writing about it, some of us need to talk about it, some need to think about it, and some need a little bit of everything. That's the bottom line with this research, that an effective coaching practice has lots of different ways for athletes to consider their performances and their training, and writing is one of them." Although athletes have been journaling on their own for years, Kent's notebooks are among the first of their kind to standardize the process with specific writing prompts and consistent questions. Several institutions have starting using Kent's model notebooks and tailoring them to their own needs, which Kent encourages. Coaches at Southern Virginia University, Gonzaga University, University of Missouri and Temple University have adapted the notebooks and implemented them in their programs. Kent's ideas about athletes and journaling started about 30 years ago during a flight from Europe. At the time, he was Maine's state soccer coach, returning with a group of players who had competed in a tournament. It wasn't a successful trip for the team. It hadn't fared well against its European opposition. That's when Kent had the idea to have the players write about their experiences and how they felt about the trip. Problem was, the only paper available on the plane was the airline's

airsickness bags. “Some kids wrote six sentences, but some wrote on both sides, ripped open the bags and wrote inside,” says Kent, the author of 10 books, including *Writing on the Bus: Using Athletic Team Notebooks and Journals to Advance Learning and Performance in Sports*, *The Athlete’s Workbook* and *The Soccer Team Notebook*. “I sat there and read them and thought, ‘Holy mackerel, this is really interesting.’ I started incorporating more writing activities with my teams.” While Kent had used writing exercises with his soccer teams for years, his research for the notebooks began in 2005-06 when a University of Southern Maine soccer coach gave them to his team as a pilot project for a season. Also around that time, Kent met with David Chamberlain, an elite World Cup cross-country skier who grew up near Kent in Wilton, Maine. Chamberlain had long kept journals and training logbooks, and allowed Kent to study five years’ worth of his writing. Kent looked at Chamberlain’s logs through a writing-to-learn lens advocated by William Zinsser, a well-known writer and teacher, and others who believe writing enables us to find out what we do — or don’t — know about a subject. “The concept of writing to learn allowed me to see what types of themes would emerge,” Kent says. “Then I would interview Dave about those themes, one of which was he was thinking about whether he wanted to stay with ski racing or move on to become a coach. He wrote seven pages grappling with this issue. “I do a great deal of narrative analysis, where you look at a piece of writing and think about: What direction is this athlete going with this? How do the themes merge with his thinking and what he ends up doing? It ended up that he stayed with skiing for another three years.” Kent also asked UMaine head soccer coach Scott Atherley and members of his staff for feedback on the notebooks. A friend who was then an assistant coach with a professional basketball team also reviewed them. “Everybody was very accommodating and offered me ways to reconstruct the notebooks,” Kent says. “Like with anything in writing, there is always a process of revision. When I work with teams or coaches I say, ‘Listen, make it your own.’ There isn’t one right way to do this. You have to revise and be comfortable with it. I used team notebooks five days a week, but you might want to do it once a week.” Kent believes journaling makes athletes more accountable in a number of ways, and his work with Chamberlain provided a good example of this. At the higher levels of endurance skiing, athletes in training measure the levels of lactic acid in their blood as an indication of fitness level. Skiers who journal, along with tracking their lactic levels, can establish patterns that reveal how factors such as sleep, nutrition and mood affect a training session. The journals are frequently shared with coaches, sometimes via email. “They write about it, talk to trusted advisers about it, and then make decisions about how they’re going to adapt their training,” he says. “Writing is a critical component for all of this and I think it’s been a missing link in athletics.” Journaling can be a way for athletes to learn to take emotion out of analysis and think about categorizing, moving on from a win or loss. “The mere act of writing slows us down and makes us think,” Kent says. “You start with the self, think about what you need and then move forward. It’s the same with the team notebooks. After a match, you sit and think: ‘What did I do well in this match, what did I struggle with? How did the other team do against us? What advice would you give as a coach to the other team about the way they played? It helps them as writers to learn theory and how to think more deeply about the way they look at sports, but also sort of turns them into coaches, which I think is a great thing. It helps them consider the sport through a different lens.” The basic athlete notebook contains five sections, complete with writing prompts based on the templates Kent used while he was coaching soccer. The notebook begins with a page called Preseason Thoughts, which the athlete is meant to fill out before regular-season competition begins. The athlete is asked to write about his or her individual and overall team strengths and weaknesses in the previous year, preparation done in the off-season for the upcoming season, goals for upcoming season, and information about his or her class load for the upcoming season. The next section, Competition Analysis I, asks athletes to reflect on the outcome of a game or match in which they have participated. The writing prompts include individual, team and opponent strengths and weaknesses, suggestions for adjustments in subsequent games or matches, and what made the difference in a win or loss. That section is followed by a Competition Analysis II, which is meant to be completed by players following a match they have watched but not participated in. It directs them to write their observations of the two teams, including strengths and weaknesses, halftime adjustments, comments about players at different positions, key moments of the game, and a final analysis that asks the players to think like a coach. A page called Postseason Thoughts allows the player to think about strengths and weaknesses as an individual and a team, describe plans to improve in the off-season, reflect on preseason goals and discuss how he or she is handling schoolwork. The fifth section, Athlete’s Notes, is a kind of free space for players to store handouts, sketch plays and keep notes. One of the trepidations teams often have when confronted with the notebooks is the amount of time that should be dedicated to journaling. This is particularly true for student-athletes who might have homework to do following a game, or coaches who are already overburdened. But Kent has designed the journals so they take a few minutes to complete. Athletes can write as little or much as they choose, and coaches can take as much time as they want to read the notebooks. Coaches nationwide have contacted Kent to praise the notebooks for having helped their teams become more pragmatic and thoughtful about the way they analyze a game and a season. Kent sensed the power of the notebooks himself one night years ago following a soccer game that his team won after a

late comeback. The members of his winning team had formed a circle on the field, pulled out their notebooks and were busy writing. On the other side of the field, the members of the losing team milled about aimlessly, walking off into the darkness. “I thought about the (losing team members’) drive back to their school and wondered how the players would unpack the match with one another,” Kent says. “I looked at my kids and how purposeful they were about their writing and their thinking, and knew that this was something that was special and helped create a common language for the team. That’s what I have explored and expanded through this research.”

‘More Maine Meat’ Project to Aid Maine Livestock Producers

05 Sep 2012

The Maine Sustainable Agriculture Society (MESAS), in conjunction with University of Maine, has initiated a new project, “More Maine Meat,” which seeks to improve economic returns for livestock producers in Maine, in addition to growing the meat industry in the state with more forage-based resources. The vision includes Maine farmers satisfying a larger proportion of Maine and New England’s demand for meat. “More Maine Meat” focuses on red meat production, processing and distribution. A working group of producers, processors, distributors and commodity group leaders, along with University of Maine Cooperative Extension and Maine Department of Agriculture representatives, met recently in Hallowell to outline goals and visions for a prosperous and vibrant livestock industry. Representatives from almost all Maine counties were in attendance, from Aroostook to York. The group worked through many issues with current problems that limit the potential growth of livestock production, including processing, production and distribution of product to market. While many different opinions and solutions were raised, the group was committed to moving forward, according to Rick Kersbergen, a UMaine Extension professor and expert in sustainable dairy and forage systems. Under the leadership of MESAS, the working group will develop a plan of action that will draw upon existing resources throughout the Northeast as well as research specific issues that are relevant to Maine. The group will identify bottlenecks, provide information, data and support to entrepreneurs and provide expertise to specific enterprises as appropriate. Kersbergen, who is working on the project with MESAS executive director and UMaine graduate Andrew Files, estimates a very small percentage of Maine’s and New England’s demand for meat is satisfied through state or regional producers. Most consumers get their red meat through supermarket chains that purchase meat from national sources. The project is one of several being brought forward by MESAS, whose mission is to explore, develop and promote agricultural systems and practices that allow Maine farmers to retain a greater share of consumer expenditures for farm products. MESAS is membership-based and is served by a board of volunteer directors, including faculty from the University of Maine and Maine food and fiber producers. [Click here for more information about MESAS](#). Contact: Rick Kersbergen, Richard.kersbergen@maine.edu or (207) 342-5971; Andrew Files, afiles@mesas.org or (207) 843-7581.

A Milestone Weekend

05 Sep 2012

It was a milestone weekend for the University of Maine football team, which opened its season Saturday playing the program's 1,000th official game. To celebrate the Black Bears’ milestone, UMaine announced the results of a fan poll of the top 10 moments in program history. The No. 1 moment was announced during the Sept. 6 airing of UMaine head coach Jack Cosrove's Coach Cos Radio Show. UMaine lost to Bowl Championship Subdivision and Atlantic Coast Conference member Boston College 34-3 at Alumni Stadium in Chestnut Hill, Mass. The Black Bears will travel to Bryant University this Saturday for their second game of the season. The top 10 moments in UMaine football history are:

10. The Bat Ball Play vs. UNH, 1978 – Maine, being a heavy underdog, trailed in the game as the Black Bears set up for a field goal, but quarterback Tony Trafton took the snap and flipped it behind him to kicker Mike Hodgson, who batted the ball like a volleyball into the end zone where Dave Higgins fell on it for a touchdown. The game ended in a tie, 7-7. The play created a lot of controversy and was ruled illegal shortly thereafter.

9. The 1951 Team – The Black Bears of 1951 produced the program’s first undefeated season, going 6-0-1 and 3-0-1 in Yankee Conference play to win the title. The team recorded four shutouts and had an average margin of victory

of 22 points.

8. 1961 win at UConn and undefeated season – With an undefeated season on the line, and clinging to a 2-0 lead over UConn in the waning seconds, the Black Bears block a Husky field goal to preserve the win. The Black Bears go 8-0-1 and a perfect 5-0 in Yankee Conference play to win the title.

7. The 1998 Alfond Stadium and Morse Field dedication and the continued support from the Alfond and Morse Families – on Sept. 12, 1998, as a crowd of 9,244 fans witnessed the Black Bears down border-rival New Hampshire by a score of 52-28, as the facility opened in grand fashion. The Alfond and Morse families have continued to support Black Bear football and have contributed greatly to the team's success.

6. 2010 Brice-Cowell Musket win in overtime vs. UNH – With the game tied 13-13 late in the fourth quarter, Maine blocks a Wildcat field goal in the waning seconds to force game into overtime. In the extra session, Jerron McMillian intercepts a pass to give the Black Bears possession. On the ensuing Black Bear possession, [Maine kicker Brian Harvey](#) nails a 37-yard field goal for the win, the Black Bears' first in seven years.

5. Marcus Williams' 41-yard TD run in 2002 Playoffs – Trailing 13-7 in the fourth quarter at powerhouse Appalachian St. in the 2002 NCAA playoffs, Black Bear great Marcus Williams breaks off for a 41-yard TD run, giving Maine a 14-13 lead that they would not relinquish.

4. Maine comes back at Youngstown State to win 27-22 en route to the 1965 Tangerine Bowl – Down 22-7 midway through the fourth quarter against Youngstown State, Maine rallies for three touchdowns in the final 8:10 to win 27-22 as the Black Bears win the Yankee Conference and advance to the Tangerine Bowl, the first and only bowl game in program history.

3. The 'Helicopter' vs. JMU in 2011 – After scoring a Warren Smith to [Justin Perillo](#) touchdown in overtime to get within 24-23 against the Dukes, Maine lines up in a special formation. Chris Treister takes the snap, dives towards the end zone, gets hit by two James Madison defenders as he spins around like a helicopter, landing in the end zone to give Maine a 25-24 win at No. 6 James Madison. The play was No. 2 on ESPN's Top-10 List as well as a finalist for the GEICO College Football Play of the Year. The Black Bears catapult the win into a NCAA Final Eight appearance and No. 8 final national ranking.

2. Royston English vs. McNeese St. in 2001 – Black Bear great Royston English runs for 144 yards and a score as the Black Bears win an NCAA playoff game for the first time with a 14-10 win at perennial FCS powerhouse McNeese State in 2001.

1. Ron Whitcomb to Kevin McMahon 15-yard touchdown pass in the fourth quarter as Maine defeated Southeastern Conference foe Mississippi State in 2004 -- The win by the Black Bears over Mississippi State made national headlines and stands as the Black Bears' only win over a team from the FBS.

Identifying Late Blight

05 Sep 2012

Click here to view [Identifying Late Blight](#) on YouTube

Jam Session

05 Sep 2012

[Click here to view Jam Session on YouTube](#)

Memorials Planned for Shirley Ladd

05 Sep 2012

The University of Maine Division of Student Affairs invites members of the campus community to a memorial service from 7 p.m. to 9 p.m. Friday, Sept. 7 in the Memorial Union chapel for Shirley Ladd, a UMaine student who died this summer as a result of a fall from a ledge in Acadia National Park. An informal gathering afterward in Union's Senior Skulls Room will provide a time for Ladd's friends to gather, share refreshments and view a slideshow. Students and staff at UMaine's New Balance Student Recreation Center, where Ladd was a student employee, will plant a tree in Ladd's memory in a 6 p.m. ceremony. Contact: George Manlove, (207) 581-3756

UMaine Student to Speak About Financial Fitness

05 Sep 2012

University of Maine graduate student Sarah Morehead will be the keynote speaker at a Sept. 22 event for men and women interested in learning more about money and how it affects their lives. "Fall Into Financial Fitness" will be held from 8:45 a.m. to 1:30 p.m. in Eastport Hall on the Bangor campus of the University of Maine at Augusta. The event is sponsored by Women, Work and Community. Morehead, who is pursuing a Ph.D. in behavioral economics through the Department of Psychology and School of Economics, is the author of "I Hate Money: Understanding Your Financial Attitude." Her research focuses on the psychological and cognitive processes that influence financial decision making. To register for the event, contact Jane at (207) 263-7843 or searles@maine.edu Contact: Jessica Bloch, (207) 581-3777

UMaine Athletics Announces Staff Changes

05 Sep 2012

University of Maine Director of Athletics Steve Abbott has announced several changes to the athletic training staff. Paul Culina, who has been at the University of Maine for the past 18 years, becomes the director of men's and women's hockey operations and will serve as athletic trainer for the men's ice hockey team. Ryan Taylor has been named head athletic trainer, while Michelle Bowers and Kelleigh O'Neill join the staff as assistant athletic trainers. "We are excited to announce these changes within our athletic training program," said Director of Athletics Steve Abbott. "Paul has done a great job overseeing our athletic training department in the past and we look forward to his new position with our men's and women's ice hockey programs. This will add efficiency to our operation, while ensuring that our athletes get excellent medical attention. Ryan is a natural choice to oversee our athletic training staff and I am confident that he will do a great job in that role. He has tremendous knowledge of our overall operations, is a skilled athletic trainer, and his diverse background and experience will help make him a strong manager. We have been very pleased to have Michelle and Kelleigh on our staff; they have already injected additional excitement and enthusiasm into our program." Culina has served as the head athletic trainer at Maine since 2001. After joining the staff in 1995, Culina worked with the men's ice hockey team en route to its second national championship during the 1999 season. He worked with the football, women's ice hockey and baseball teams, before returning to hockey prior to the start of the 2007 season. As director of men's and women's hockey operations, Culina will be responsible for the coordination of all aspects for team budget and travel for the men's and women's programs. In addition, Culina will continue to serve the day-to-day athletic training needs of the men's ice hockey team. "Paul is a very talented and dedicated professional, and we are thrilled that he will be expanding his role with our team," said men's ice hockey coach Tim Whitehead. Taylor becomes the 10th head athletic trainer in Maine history. He will oversee all the day-to-day operations of the training program. An ATC from Willoughby, Ohio, Taylor has been at the University of Maine since 2007 where he has served as athletic trainer for the football program. He will continue to work with the football team. He has also worked with the swimming and diving programs at Maine. Taylor is a member of the National Athletic Trainers Association, Maine Athletic Trainer's Association and Collegiate Athletic Trainer's Association. Taylor came to the University of Maine from the University of Maine at Presque Isle where he served as head athletic trainer from 2004–2007. A 1992 graduate of the University of Toledo, he worked as a graduate assistant at Southern Illinois University at Carbondale. Upon his graduation, he worked as a head athletic trainer in St. Louis from 1994–2004. Bowers begins her first season at Maine and will work primarily with the field hockey and men's basketball teams. A native of Burlington, Maine, she received her bachelor's of science in athletic training from Merrimack College in 2011. She obtained her master's of science in athletic training from California University of Pennsylvania. While there, she worked as a graduate assistant at

Burgettstown High School. Bowers is a member of the National Athletic Trainers Association and the Maine Athletic Trainers Association. O'Neill begins her first season at Maine and will work with women's soccer and women's basketball programs. Originally from Westford, Mass., she completed her bachelor's of science in athletic training at Springfield College in 2010. She garnered her master's of science in human physiology-athletic training from the University of Oregon, where she served as a graduate assistant trainer. She is a member of the National Athletic Trainers Association and the Maine Athletic Trainers Association.

UMaine President Op-Ed in Portland Press Herald

05 Sep 2012

An opinion column by University of Maine President Paul Ferguson in the [Portland Press Herald](#) addressed the university's mission as a land grant institution of preparing UMaine graduates for successful careers and contributions to the state in fields like nanotechnology, climate change, sensor development, sustainability, public policy and offshore wind technologies. The president cited the Blue Sky Project, which outlines five strategic pathways to enhance the university's teaching, research, outreach, work force and economic development programs in a way that closely aligns with the priorities of the state. Contact: George Manlove, (207) 581-3756

UMaine Economists Noted in Lisbon Council Report

05 Sep 2012

The [Lewiston Sun Journal](#), reporting on a Lisbon town council discussion about ways to better the community, noted the town's economic and community development director introduced a report on new retail growth possibilities that was produced by an Eaton Peabody consultant with the help of the UMaine School of Economics. Contact: George Manlove, (207) 581-3756

Global Fruit and Vegetable Site Carries Blueberry Update

05 Sep 2012

The Fresh Plaza news website for companies operating in the global fruit and vegetable sector carried an article recently posted in the [Ellsworth American's Fenceviewer website](#) that included comments from University of Maine Cooperative Extension educator and blueberry specialist David Yarborough. Yarborough said that the lack of rain in August forced some blueberry growers without irrigation to end their seasons early with smaller berries this year. Overall, Yarborough noted, the wild blueberry crop was 10 to 15 percent larger than last year's. Contact: George Manlove, (207) 581-3756

News Aggregator Notes UMaine Student Recruitment Effort

05 Sep 2012

[The Examiner.com](#) news aggregator posted information from a Bangor Daily News article reporting that enrollment within the University of Maine System has stabilized after a system-wide decline. The report attributed the development to increasing use of social media and marketing to in-state and out-of-state student prospects, along with affirmation that UMaine remains the state's flagship institution. Contact: George Manlove, (207) 581-3756

Opinion Article by President Ferguson on Portland Press Herald Site

05 Sep 2012

The [Portland Press Herald](#) posted an opinion piece by President Paul Ferguson titled "Maine Voices: UMaine plan emphasizes school's role as partner in moving state forward."

Ferguson Featured in Report About UMaine Summer Tour

27 Aug 2012

In a story posted by [WABI \(Channel 5\)](#), President Paul Ferguson was quoted as saying, “The challenge of today is to show them as much of the breadth and depth of the University of Maine that they can get in one day and also just UMaine hospitality.”

Ippolito Discusses New Social Media Trend

05 Sep 2012

Jonathan Ippolito, a new media faculty member at the University of Maine, discussed with [Maine Public Broadcasting Network](#) a new social media trend that is gaining momentum worldwide. The Autonomous Sensory Meridian Response replicates online familiar sounds or activities that, when isolated, can produce a tranquil, calming effect. Ippolito said the phenomenon creates a platform on which strangers can share the human experience, which represents the Internet at its best. Contact: George Manlove, (207) 581-3756

Newspaper Report on Party

05 Sep 2012

[The Bangor Daily News](#) reported on the breakup by area law enforcement agencies of a party involving college students and guests Saturday and Sunday at The Grove apartment complex on Route 2 in Orono. The only arrest involved an 18-year-old non-resident. Contact: George Manlove, (207) 581-3756

Channel 6 Reports Students Boosting Business

05 Sep 2012

[Channel 6 \(WCSH\)](#) and affiliated Channel 2 (WLBZ) carried a report quoting a downtown Orono restaurant manager who said returning UMaine students already have boosted business in the restaurants. The manager said students are critical to the business. Contact: George Manlove, (207) 581-3756

Anthropologist Awarded Fulbright Scholar Grant for Croatia

06 Sep 2012

Gregory Zaro, associate professor of anthropology and climate change at the University of Maine, has been awarded a Fulbright Scholar grant to lecture and conduct research at the University of Zadar in Croatia during the Spring 2013 semester. According to the United States Department of State and the J. William Fulbright Foreign Scholarship Board, Zaro will engage in an interdisciplinary teaching and research effort to evaluate landscape evolution and human agency along the Dalmatian Coast over the past two millennia, from early Roman colonization through the medieval period, and into the present era. He will work closely with Croatian scientists and students to compile archaeological, cultural, historical and environmental data as they relate to landscape change and human resource management along the Eastern Adriatic across time. Contact: George Manlove, (207) 581-3756

Computing, Information Science School Hosting Barbecue

06 Sep 2012

The [UMaine School of Computing and Information Science](#) is inviting the campus community to join students at 4 p.m. Friday, Sept. 7 on the plaza in front of Boardman Hall for an informal barbecue, open house and to learn about the activities of the Cyber Defense Club, the Association for Computing Machinery, the Computing Honor Society and the school’s graduate programs. Contact: George Markowsky, (207) 581-3940

New Folklife Center Exhibit Focuses on Brewer History

06 Sep 2012

The Maine Folklife Center at the University of Maine has a new exhibit on [Maine Memory Network website](#), developed from its oral history research with Eastern Fine Paper Company in Brewer. With images dating back to the early 20th century, the exhibit profiles the company from its inception in 1889 to the mill's closure in 2005. The Maine Memory Network is a collaboration of community historical organizations. Contact: George Manlove, (207) 581-3756

Newspaper Reports Sculpture Symposium Conclusion

06 Sep 2012

The [Maine Edge newspaper](#) reported on the closing ceremony of the 2012 Schoodic International Sculpture Symposium, held this year in partnership with the University of Maine. Large-scale public artwork resulting from the six-week project will be placed at locations in Bangor, Old Town and Orono, including three sculptures on the UMaine campus. Contact: George Manlove, (207) 581-3756

Bangor Daily News Reports Athletics Staff Changes

06 Sep 2012

The [Bangor Daily News](#) reported on several staff changes in the UMaine Department of Athletics. Head athletic trainer Paul Culina is becoming director of men's and women's hockey operations, Ryan Taylor is the new athletic trainer and Michelle Bowers and Kelleigh O'Neill have been named assistant athletic trainers. Contact: George Manlove, (207) 581-3756

Media Reports Relocation of UMaine Insect Collection

06 Sep 2012

Several news organizations, including the [Boston Globe's Boston.com](#) carried an Associated Press article about the planned relocation of the University of Maine's collection of 107,000 insects to a climate-controlled room at the Maine State Museum in Augusta. [Channel 5 \(WABI\)](#) and the [Portland Press Herald](#) also carried the AP report. The collection dates back to the 1800s and includes rare tropical butterflies, in addition to other specimens, and will become more accessible to the public. Contact: George Manlove, (207) 581-3756

Camire Interviewed for Organic Produce Article

06 Sep 2012

University of Maine professor of food science and human nutrition Mary Ellen Camire was interviewed for an article in the [Portland Press Herald](#) about a study on organic fruits and vegetables. The study found little nutritional difference between organic and nonorganic produce, but Camire, along with others interviewed for the story, said most consumers who buy organic do so to avoid pesticides and chemicals used on most traditional, nonorganic farms. Contact: George Manlove, (207) 581-3756

Hakola a Guest on MPBN's 'Maine Calling' Program

06 Sep 2012

Judy Hakola of the University of Maine English Department faculty joined host Keith Shortall and writer Jaed Coffin of the University of Southern Maine English Department faculty for a [Maine Public Broadcasting Network](#) "Maine Calling" discussion about what it means to be a true "Mainer." Hakola said many people from outside the state have flawed perceptions of Maine natives, and cited a recent article she read that called bustling coastal communities like Bar

Harbor “quaint.” Contact: George Manlove, (207) 581-3756

Political Scientist Comments on Catholic Voting Trends

06 Sep 2012

UMaine political scientist Mark Brewer was interviewed for a [Kennebec Journal article](#) about how the Catholic Church is responding to the same-sex marriage effort in Maine. Brewer said Catholicism is the single biggest religious tradition in Maine, but its members do not necessarily vote as a bloc. Contact: George Manlove, (207) 581-3756

Elsemore Named New Bursar, Senior Finance Officer

07 Sep 2012

William Elsemore has been appointed UMaine Bursar and Senior Finance Officer. He begins his duties Sept. 10. Elsemore replaces longtime UMaine Bursar Dennis Casey, who retired earlier this year. Elsemore has served the University of Maine System for many years in various positions, most recently as Assistant Director of Administrative Systems Development and Support for Financial and Human Resources Information Systems, and formerly as System Controller. A UMaine alumnus, his expertise includes extensive experience in customer service; in-depth knowledge of the policies and procedures for university-related financial transactions; and extensive knowledge and understanding of the multiple modules of PeopleSoft. Contact: George Manlove, (207) 581-3756

Abedi Paper Wins International Award

07 Sep 2012

The Institution of Engineering and Technology in the U.K. has bestowed its prestigious IET Wireless Sensor Systems Premium Award to Ali Abedi of the University of Maine electrical and computer engineering faculty for a paper, “Signal detection in passive wireless sensor networks based on back-propagation neural networks,” which he co-authored and published in March 2011 in the journal IET Wireless Sensor Systems. He has been invited to accept the award in London in November at the IET achievement awards ceremony. The prize is for the best research paper published in the IET journal in the previous two years. Contact: George Manlove, (207) 581-3756

Caron, Hodgson Revise, Reprint College Football Guide

07 Sep 2012

UMaine professor of family relations and human sexuality Sandy Caron and assistant UMaine Athletic Director Michael Hodgson have revised, retitled and reprinted their book “Tackling Football: A Woman's Guide to Understanding the College Game,” now titled “Tackling Football: [Everyone's Guide to Understanding the College Game](#).” The book was illustrated by artist and UMaine employee Val Ireland. Contact: George Manlove, (207) 581-3756

Business Growth Article Cites UMaine AMC

07 Sep 2012

The UMaine Advanced Manufacturing Center’s work helping Falcon Performance Footwear in Auburn create molds and a composite material for new protective caps in the toes of boots to replace steel caps was noted in a [Mainebiz article](#) about innovators in Maine finding success with uniquely Maine products. Contact: George Manlove, (207) 581-3756

Rogers’ Book Review on Higher Education Website

07 Sep 2012

A review by UMaine English professor Deborah Rogers of writer Susan Gubar's new book "Memoir of a Debulkied Woman: Enduring Ovarian Cancer" appeared in the August issue of [The Times Higher Education in the United Kingdom](#). Rogers called the book a "raw and moving illness memoir" and "powerful." Contact: George Manlove, (207) 581-3756

Entomologist Interviewed for Report on Insect Collection

07 Sep 2012

UMaine professor of applied entomology Andrei Alyokhin was interviewed for an article in the [Kennebec Journal](#) and by [Channel 7 \(WVII\)](#) about UMaine's comprehensive collection of 107,000 insects dating back to the 1800s, which has been donated to the Maine State Museum for better public accessibility. Alyokhin said collections such as UMaine's have extreme practical significance. Contact: George Manlove, (207) 581-3756

UMaine Extension Role's in Community Garden Noted

07 Sep 2012

An article in the [Coastal Journal](#) about a particularly successful community garden in Brunswick to benefit the Mid Coast Hunger Prevention Program noted that the inspiration for the 2.5-acre plot came in part from a Brunswick-Topsham Land Trust conversation with University of Maine Cooperative Extension educator Richard Brzozowski in the Cumberland County office. Contact: George Manlove, (207) 5981-3756

Newspaper Features UMaine Extension FoodCorps Garden

07 Sep 2012

The [Bangor Daily News](#) published an article about the work of FoodCorps representative Genna Cherichello, who has overseen the growth of community gardens in the Rockland area. FoodCorps is a national program, administered in Maine by the University of Maine Cooperative Extension, to introduce young people to healthful foods and gardening. Cherichello also is organizing cooking clubs for coastal-area schoolchildren. Contact: George Manlove, (207) 581-3756

Channel 5 Reports on Annual Bangor Paint Day

07 Sep 2012

Channel 5 (WABI) reported on the 2nd annual Bangor Paint Day, a free event being held from 9 a.m. to 1 p.m. on Saturday at the University of Maine Museum of Art in Bangor, in cooperation with the Bangor Art Society. The event gives people of any age an opportunity to paint any scene in the city. Paintings will be auctioned off at 3 p.m. Contact: George Manlove, (207) 581-3756

UMaine Clinical Psychology Ph.D. Program Reaccredited

10 Sep 2012

The Clinical Psychology Doctoral Program at the University of Maine has been reaccredited for the next seven years, the longest professional accreditation period granted to only the strongest programs reviewed by the Washington, D.C.-based American Psychological Association (APA). Accreditation by the APA reflects the quality of educational programs, speaks to a sense of public trust and serves as an assurance that an accredited institution meets nationally endorsed standards and accountability within the profession. The UMaine Ph.D. in clinical psychology, which has been continuously accredited by the APA since 1975, prepares graduates for careers combining research and clinical practice. A recent survey of program alumni found that 95 percent are licensed practitioners, most live in the Northeast and most are engaged in grant-supported research. Clinical psychology is the largest Ph.D.-granting program at UMaine and also has the fastest time-to-degree and lowest attrition rates among doctoral programs, according to Doug Nangle, professor and director of clinical training in the Department of Psychology. Contact: Doug Nangle, (207) 581-2045

Gilmore Remembrance Scheduled September 19

10 Sep 2012

Students, staff and faculty members are invited to join friends and colleagues of Maine Business School professor Carol Gilmore as they celebrate her life with an informal tea at the Buchanan Alumni House from 4:30 p.m. to 6 p.m. on Sept. 19. Friends of Gilmore, who died May 9, are invited to contact Martha Broderick in the business school at (207) 581-1794 if they would like to share a memory about Gilmore, who taught business management at UMaine from 1977 until her retirement in 2011. Light refreshments will be served. Contact: George Manlove, (207) 581-3756

UMaine Appoints New International Programs Director

10 Sep 2012

C.K. Kwai has been appointed Director of the University of Maine Office of International Programs, effective Oct. 1, according to Stuart Marrs, UMaine associate provost and dean for undergraduate education. Kwai replaces Karen Boucias, who will continue to serve as director of International Admissions along with other related duties. Kwai is currently the exchange program director for the University of North Carolina System and has experience in all areas of international education, including study abroad, international student and scholar services, international recruitment, admissions and retention, and cross-cultural curriculum development. His experience and expertise will greatly enhance efforts toward comprehensive internationalization at UMaine, Marrs says. Contact: George Manlove, (207) 581-3756

UMaine Athletics Names Five to Hall of Fame

10 Sep 2012

The University of Maine has selected five former student-athletes for induction into the 2012 Sports Hall of Fame. Former women's basketball standout Kim Corbitt (2005), men's basketball player Charlie Goddard (1950), hockey star Steve Kariya (1999), track and field record-holder Richard Nason (1964) and softball great Michelle Puls (1998) will be inducted in the 2012 class. An induction ceremony and dinner is scheduled at 7 p.m. on Friday, Sept. 28 at Wells Conference Center to be preceded by a reception in the Hall of Fame lobby in Memorial Gym at 6 p.m. The honorees will be recognized at halftime of the Maine football game against Villanova the following day. Tickets for the Hall of Fame banquet are \$40 and are available at the University of Maine ticket office by calling 581-BEAR or 1-800-756-TEAM. Contact: George Manlove, (207) 581-3756

UMaine Extension's Moran Comments on Poor Apple Crop

10 Sep 2012

The [Bangor Daily News](#) interviewed University of Maine Cooperative Extension tree fruit specialist Renae Moran for a report on this year's poor apple crops. She said the erratic pre-season weather — an abnormally warm spring and a late killing frost — has reduced the yield. Moran estimated the harvest will be about 700,000 bushels statewide and that apples are ripening several weeks early. Changing regional climates will not bode well for future crops, Moran added, if orchards are threatened by early blooms and late frosts. Contact: George Manlove, (207) 581-3756

Channel 5 Covers 'Paint the City' Event

10 Sep 2012

Channel 5 (WABI) reported on Saturday's "Paint the City" project and fundraiser in Bangor for local artists. The University of Maine Museum of Art and Bangor Art Society collaborated in organizing the event. Local artists were invited to paint scenes from downtown Bangor and the work was auctioned off later in the day. Contact: George Manlove, (207) 581-3756

Lifelong Learning

10 Sep 2012

A profile of the University of Maine Division of Lifelong Learning's Distance Learning Program was posted on the website [Distance Learning](#). The website noted the division's programs and classes, including seven new master's programs, for online distance learners at the Orono campus and the satellite Hutchinson Center in Belfast. Contact: George Manlove, (207) 581-3756

Central Maine Weekly Notes Master Gardener Classes

10 Sep 2012

The Town Line newspaper in China carried a University of Maine Cooperative Extension news release about the Master Gardener Program accepting applications for prospective volunteers in Kennebec and Waldo counties. The program provides participants with more than 40 hours of in-depth training in the art and science of horticulture. Contact: George Manlove, (207) 581-3756

Report on UMaine Extension's Maine Meat Initiative

10 Sep 2012

[Foster's Daily Democrat](#) posted a UMaine news release about the new University of Maine Cooperative Extension "More Maine Meat" initiative, which seeks to improve economic returns for livestock producers in Maine, in addition to growing the meat industry with more forage-based resources. The project involves a partnership between UMaine Extension and the Maine Sustainable Agriculture Society in Hallowell. Contact: George Manlove, (207) 581-3756

Physics Professor's Photo Selected for Washington Post Travel Gallery

10 Sep 2012

An autumn photograph of Mount Katahdin by University of Maine associate professor of physics and astronomy Sam Hess was selected as one of the top 20 of 1,400 photos submitted to the [Washington Post Travel Photo Contest](#). The image is part of an online gallery. Hess took the shot from Abol Bridge in Millinocket. Contact: George Manlove, (207) 581-3756

Thaler to Deliver Climate Change Institute Lecture

11 Sep 2012

Jeff Thaler, the University of Maine's first visiting professor of energy, policy, law and ethics, will deliver a Climate Change Institute Lecture from 1 p.m. to 2 p.m., Wednesday, Sept. 12 in Hill Auditorium in Barrows Hall. The event is free and open to the public. Thaler's talk is titled "As the World Burns: From Climate Science to Renewable Energy Policy and Justice." An environmental lawyer, Thaler also teaches at the Maine School of Law and is a founder and co-chair of the Environmental and Energy Technology Council of Maine. He also was a founder and a recent president of the American College of Environmental Lawyers. He serves as UMaine System associate counsel for environmental, energy and sustainability projects and sustainability initiatives. Contact: George Manlove, (207) 581-3756

BDN Advances Slavin Memorial Ceremony

11 Sep 2012

The [Bangor Daily News](#) reported that the University of Maine community will honor the memory of Charlie Slavin, dean of the UMaine Honors College who died unexpectedly at his home on July 30, in a special ceremony from 5 p.m. to 7 p.m., Friday, Sept. 14 at the Collins Center for the Arts. A reception at the Collins Center will follow. Contact:

Emily Cain, (207) 581-3308

Extension Tree Fruit Specialist in News Apple Reports

11 Sep 2012

Portland radio station WGAN (AM560) aired a report, which quoted University of Maine Cooperative Extension tree fruit specialist Renae Moran, on the season's poor apple crops in Maine. The report cited a [Bangor Daily New article](#), which also quoted Moran, as its source. Moran said global warming could be changing climate, which affects fruit trees. Maine Public Broadcasting Network interviewed Moran for a similar report on Monday. Contact: George Manlove, (207) 581-3756

Dana Comments on Parties at New Student Apartment Complex

11 Sep 2012

An article in the [Bangor Daily News](#), which discussed a second weekend of partying at The Grove student apartment complex, included comments from UMaine Vice President for Student Affairs and Dean of Students Robert Dana, who said university police are prepared for weekend parties and first-year students often test their limits, but many problems are caused by young people coming from off-campus. Contact: George Manlove, (207) 581-3756

USA Today Article Cites UMaine Hazing Research

11 Sep 2012

A [USA Today College article](#) about another hazing incident at Florida A&M University, where a student died in 2011 as a result of hazing, cited the findings of groundbreaking research on hazing by UMaine College of Education and Human Development professors Elizabeth Allan and Mary Madden. In a national study on the frequency of hazing, Allan and Madden found that 55 percent of college students involved in clubs, teams and organizations had experienced hazing. Contact: George Manlove, (207) 581-3756

Newspaper Reports on UMaine Hall of Fame Inductees

11 Sep 2012

The [Bangor Daily News reported](#) on the selection of five former student-athletes for induction into the University of Maine 2012 Sports Hall of Fame. Former women's basketball standout Kim Corbitt (2005), men's basketball player Charlie Goddard (1950), hockey star Steve Kariya (1999), track and field record-holder Richard Nason (1964) and softball great Michelle Puls (1998) will be inducted on Friday, Sept. 28. Contact: George Manlove, (207) 581-3756

Center on Aging 'Boomer Bloggers' Project Featured

11 Sep 2012

The Boulder, Colo.-based [Public News Service website](#) has published a feature article on the Maine Boomer Reporting Corps, a University of Maine Center on Aging program that trains members of the center's Encore Leadership Corps to become "Boomer Bloggers," using new and older media to report news by and about baby boomers. The Knight Community Information Challenge provided \$52,000 toward the project, overseen by the Center on Aging in conjunction with the Maine Community Foundation. UMaine's New Media Department is providing training, along with expert media consultants and advisers. Contact: George Manlove, (207) 581-3756

Improving Breast Cancer Detection

12 Sep 2012

Tissue Analysis, Collaboration Aims to Improve Breast Cancer Detection By applying physics to the 3D structure of breast tissue, a University of Maine researcher hopes to advance early cancer detection. Andre Khalil uses mathematical analysis techniques to study the morphology and structure of cancerous and precancerous lesions to advance early breast cancer detection. Now an \$83,000 grant from the Maine Cancer Foundation will be used to help develop a tissue analysis process called 3DMammoComp to improve early detection of breast cancer. The grant will be used to partner with sophisticated medical laboratories around the country. In particular, Khalil hopes to access libraries of 3D mammographic images taken through tomosynthesis, a new breast-imaging technique recently approved by the U.S. Food and Drug Administration. Use of 3D imaging through tomosynthesis is a more precise way of presenting images of the breast and reducing the number of false positives that can occur with 2D mammography. The cutting-edge equipment needed to produce those detailed images is expensive, up to several million dollars in some cases. Based on his success with earlier 2D mammogram analysis, Khalil hopes labs like one at Massachusetts General Hospital, which have that new imaging equipment, will share 3D tomosynthesis data with him. “We’d like to scan the breast and determine which regions are the ones that we find, based on physics, are prone to the eventual apparition of tumors,” says Khalil, a UMaine associate professor of mathematics, and cooperating associate professor of physics and computing and information sciences. “The question we’re asking is, in this background, are certain regions possibly prone to development of the tumor? If we can show that, we’re not talking about early detection any more, we’re looking at predetection,” he says. Khalil is assisted in the newest project by undergraduate and graduate students, including Kendra Batchelder, a UMaine master’s student in mathematics, and a team of research associates. Khalil, also a collaborator with the Chromatin and Genome Research Group at the École Normale Supérieure de Lyon in France, uses the wavelet transform modulus maxima (WTMM) method — an image and signal processing technology in astrophysics and biomedicine. In addition to his research on breast cancer, he has used the WTMM method to study the structure of the interstellar medium in our galaxy, cell nucleus architecture, soft-tissue in-growth into artificial bone implants, and muscle development. Contact: George Manlove, (207) 581-3756

Wither Greenland’s Ice?

12 Sep 2012

[Click here to view Greenland's Ice Sheet Melting on YouTube](#)

UMaine Tidal Initiative Meeting Brings Together Researchers, Businesses and Government Officials

12 Sep 2012

Representatives from federal and state agencies, businesses, local communities and the University of Maine will gather on Tuesday, Sept. 18, in Trescott, Maine, for a review meeting of the Maine Tidal Power Initiative. The meeting, which is open to the public, will be held from 9 a.m. to 4 p.m. at the Cobscook Community Learning Center. Attendees will have an opportunity to hear updates on UMaine’s ongoing interdisciplinary research in order to gain a basic understanding of the tidal circulation in the Downeast region along with the influence of power removal; learn about different turbine designs; gain an understanding of the biological communities as they might be impacted by tidal power development; and hear about citizen engagement and research of public perceptions of tidal power development. Cobscook Bay is the site of the nation’s first commercial, grid-tied tidal turbine, which was dedicated in July. The project was developed by Portland-based Ocean Renewable Power Company. The Maine Tidal Power Initiative is a team of engineers and marine scientists from UMaine and Maine Maritime Academy, coordinated by University of Maine Professor of Engineering Michael “Mick” Peterson, who conduct research that informs responsible tidal energy development in the state. The team works with developers, communities and device manufacturers to create a framework for tidal energy projects. That framework is tailored to the local social and ecological conditions of each site, with a focus on sustainability and broad benefits to citizens. The goal is to understand the value of the energy resource related to a tidal project and to determine if a site is commercially viable, locally accepted and environmentally suitable prior to making further investment. UMaine faculty and student researchers in the fields of engineering, marine biology, oceanography and social science will discuss research areas of turbine design, modeling and testing; resource assessment; marine environment assessment; turbine/resource interaction; and community and social impacts. Representatives are expected from Congressman Mike Michaud’s office, the Maine Department of Environmental Protection, Maine Department of Marine Resources, U.S. Coast Guard and National Oceanic and Atmospheric

Administration. There will also be representatives from the Passamaquoddy Tribe and the towns of Eastport and Lubec. Businesses represented include S.W. Cole, Ocean Renewable Power Company, Ryan Beaumont Associates, Alexander's Mechanical Solutions and Eastport Windjammers. Contact: Mick Peterson, (207) 409-6872; Jessica Bloch, (207) 581-3777

Being There

12 Sep 2012

Spring in the North Atlantic is formidable. Storm-lashed, frigid, gray. The subpolar region is so tumultuous that ever-vigilant space satellites often can't penetrate the almost perpetual cloud cover, unable to provide a clear view of one of the most important life-sustaining events on the planet — the spring phytoplankton bloom. That means if researchers ever hope to understand the phenomenon, they have to take to the high seas. In 2008, an international expedition called the North Atlantic Bloom Experiment, funded by the National Science Foundation, did just that. It was the first to put marine scientists in the North Atlantic to observe the entire progression of the spring bloom over a three-month period, from development to demise. They did that by using underwater robotic gliders and a float developed by University of Washington researchers that reported conditions between the surface and 1,000 meters several times per day, from early April through late June. High volumes of data were literally “phoned home” by the robots via Iridium satellite. Now, the discoveries made possible by unprecedented, in situ data collection are being made public. The most recent announcement came in July when the National Science Foundation and the journal *Science* reported the results of one of the experiment's studies — the discovery that the spring bloom can begin up to 30 days earlier than previously thought as the result of eddies stratifying the near-surface waters, rather than springtime warming of the ocean surface. These new contributions to our understanding of the North Atlantic spring bloom, one of the largest in the world, will inform modeling by marine and climate scientists, according to University of Maine biological oceanographer Mary Jane Perry, who was among the 26 researchers from five countries on the expedition. The research findings also have implications for the Gulf of Maine, which is fed by the waters of the North Atlantic and supports similar species. Major changes in the Gulf of Maine — including the influx of freshwater from accelerated melt in the Arctic and Greenland, and shifts in the marine food web — often occur first in the North Atlantic. But unlike the terrestrial ecosystem, scientists understand much less about North Atlantic phenology, Perry says, including annual variability, patterns and mechanisms. “The North Atlantic is a really special place — a really important part of the ocean — because what happens there is so important to the atmosphere's carbon dioxide cycle,” says Perry. “This subpolar region is responsible for more than 20 percent of the entire ocean's uptake of carbon dioxide, and phytoplankton have an important role in that drawdown.” **Phytoplankton, which include** diatoms and dinoflagellates, are microscopic plants at the base of the marine food web that fuel the ecosystem. The photosynthetic organisms also help maintain the health of the atmosphere by absorbing and sequestering carbon dioxide caused by the burning of fossil fuel.

Twenty-six scientists, including 13 students, were part of the North Atlantic Bloom Experiment in 2008. Among them were UMaine undergraduate student Jennifer Fortier and graduate student Nathan Briggs, seen here bringing the conductivity, temperature, depth (CTD) and water-sampling bottles safely back to the deck of the research vessel Knorr. Photo by Dane Wojcicki

For more than a quarter-century, starting at the University of California, San Diego, Perry has studied marine phytoplankton in an effort to understand its biomass variability and production dynamics. In recent years, her focus has been on the interaction of phytoplankton and light in the ocean. The quest to better understand phytoplankton has taken Perry on two major expeditions to the subpolar North Atlantic. Her first research cruise was as a faculty member at the University of Washington in the early 1990s as part of a Cold War-era initiative. The focus was on light propagation in the open ocean, where phytoplankton play a role in how deep in the ocean light can penetrate. That variability was particularly important when employing laser technology to detect Russian submarines and for friendly undersea laser communications. While it was the shortcomings of technology — the inability of moorings to provide a comprehensive spatial view and of satellites to see through clouds — that sent Perry to the North Atlantic, it was the latest in autonomous underwater profiling floats and sea gliders equipped with sensors that made the second expedition so successful. A mixed-layer float hovered in near-surface waters, moving with the ocean. The 6-foot gliders surveyed the area to depths of up to 1,000 meters, returning to the surface to transmit data. The autonomous underwater robots compiled information about the physical environment, including temperature, salinity and velocity of the water, as well

as data about the chemistry and biology of the phytoplankton bloom, oxygen and nitrate levels, and unique optical signatures of the tiny plants. “When we started the expedition in 2008, a big storm greeted us and we were thrown about for three days,” Perry says. “We were tossed about by the waves that were crashing over the wheelhouse. It’s one of the many good reasons for doing data collection autonomously with this kind of technology.” **Just after joining** the UMaine School of Marine Sciences in 1999, Perry was instrumental in the development of autonomous glider technology for remote deep-sea data gathering. Her contribution focused on leading a project that designed optical sensors to measure phytoplankton and particulate carbon in the water column. Her efforts to improve the efficiency and effectiveness of the sensor technology, including miniaturizing it from the size of a football to a hockey puck, is reflected in every autonomous marine glider manufactured in the United States today. Perry’s interest in robotic technology was driven by her life-long interest in trying to measure and observe the patterns and amounts of phytoplankton as the base of the food web, and understand why the patterns change. On the 2008 expedition, which involved four research cruises of up to 21 days south of Iceland, data collected by optical, chemical and physical sensors on four gliders, a float and the ship were coupled with a 3D biophysical model. The result was unprecedented documentation of the spring bloom from beginning to end, including previously unknown aspects of its mechanics. The discovery announced in July was the result of a study led by Amala Mahadevan of Woods Hole Oceanographic Institution, Eric D’Asaro Craig Lee of the University of Washington, and Perry. Their research revealed that eddies or small whirlpools of swirling seawater can switch on the bloom up to 30 days earlier than the natural confluence of seasonal heat and light. Until this latest research, scientists using climate models understood that springtime warming of the ocean surface triggered the near-surface vertical density gradation, known as stratification. That stratification, which prevents vertical mixing of the phytoplankton, and the increased seasonal light exposure that occurs every spring were thought to be the primary prompts of the bloom. **Among the other breakthroughs** was unprecedented documentation of critical phenomena essential to carbon sequestering. One study focused on the aggregate flux event that feeds the deep ocean and contributes to carbon dioxide sequestering. During these events, phytoplankton growing on the ocean surface form layers of aggregates and sink, providing food for deep-sea ecosystems and a carbon cycling function vital to the atmosphere. Scientists have struggled to detect or estimate aggregate flux events that could ultimately inform estimates of carbon flux in the ocean. The study, led by Perry and the subject of a UMaine master’s thesis by Nathan Briggs, used optical sensors to collect data on the flux event, including sink rates, distribution, relative abundance and chlorophyll content of aggregates. Perry has also co-authored other papers with expedition colleagues, including one to be submitted shortly, that reveals the importance of a specialized life cycle stage of a diatom species in carbon export from surface waters. Researchers discovered that as an essential nutrient, silicic acid, is depleted, the diatom enters an encapsulated life stage that makes it highly resistant to degradation and extremely efficient for transporting carbon to the depths of the sea. “It’s all coming together in terms of our abilities to observe complete cycles in remote places for extended periods of time,” Perry says. “That’s important, because if the ocean changes, how will we know if we don’t look?” “We have to be able to be there more than once or twice with a ship,” she says. “Such a snapshot is biased by whatever is occurring at that moment. We need a better view than what we get from satellites. We need long-term, sustained measurement. A persistent presence. We need a combination of autonomous sensing and detailed validation sensing — important parts of moving our understanding of the ocean forward.”

Managing Late Blight

12 Sep 2012

[Click here to view Managing Late Blight: Second in the Series on YouTube](#)

Why Not?

12 Sep 2012

Ten-year-old Abby wants to be an artist or a dancer when she grows up. Thirteen-year-olds Holly, Lindy and Page also know what they want to be: photographer, physician and “someone who works with people with special needs.” Eight-year-old Melody doesn’t know yet; perhaps a softball player. Compared to the eras when their grandmothers and great-grandmothers were growing up, girls today know early on that they can be anything they want to be, including women

working in traditionally male-dominated careers. Problem is, too few of them are choosing those high-end careers in the science, technology, engineering and mathematics fields known as STEM. Somewhere on the journey between verbalizing their aspirations and pursuing their career path, many girls get mixed signals. Or, worse, they are subtly or not so subtly made to understand that the STEM fields are not for them. It's not just that life gets in the way. And the fix is not as simple as thinking pink. "In high school it was obvious that math was definitely for boys," says 24-year-old Becca, who discovered her aptitude for numbers in college and went into a career in international business. "Nothing was ever said, but it was implied. It became a self-fulfilling prophecy that girls don't 'do' math." Among the most recent national groups to study the underrepresentation of women in STEM careers is the Girl Scout Research Institute. Its 2012 report, *Generation STEM: What Girls Say about Science, Technology, Engineering, and Math*, notes that in the life sciences, chemistry and mathematics, women are better represented than they are in engineering, computer science and physics, where they account for only about 20 percent of the bachelor's degrees. Regardless of the STEM area, only about 25 percent of STEM jobs are held by women, according to the report. "As opposed to the past stereotype that even girls who perform well academically are not interested in STEM (because it is a 'boy thing') our research demonstrates that interest among girls is there, it just needs to be primed," the report says. "The challenge that remains is how to turn girls' interest into action and make STEM the winner in the competition for girls' attention when it comes to career choices." In 2010, a research report by the American Association of University Women (AAUW) cited environmental and social barriers as the chief reasons for so few females in STEM fields. The report, *Why So Few? Women in Science, Technology, Engineering and Mathematics*, funded by the National Science Foundation, notes the importance of culture and learning environments in the cultivation of abilities and interests. "To diversify the STEM fields we must take a hard look at the stereotypes and biases that still pervade our culture," the report says. "Encouraging more girls and women to enter these vital fields will require careful attention to the environment in our classrooms and workplaces and throughout our culture." *UMaine Today* asked four University of Maine researchers to share their perspectives on why girls and women continue to be absent from this nation's science, technology, engineering and mathematics equation. All four are involved in STEM-related initiatives on campus, and their work informs state and national dialog.

Girls aren't broken and don't need fixing For decades, we've acknowledged that the United States must produce more STEM professionals to remain competitive in a global economy. Increasing the number of women in these fields shows the most promise in identifying untapped potential. To this end, a plethora of strategies and approaches have been put in place to attract women to these fields, with limited success. Although we've seen gains in some disciplines, most notably the life sciences, other fields such as physics and engineering have remained stagnant with only minimal gains. Computer science, arguably the most critical field of the 21st century, has actually seen a decrease in the participation of women. We have persisted in strategies that intuitively seem effective, including exposing girls to careers in STEM and using mentors, based on the theory that by increasing the number of girls interested in STEM, the problem will be solved by waiting for girls to progress through the pipeline. But experience shows us that women leave the STEM fields all along the pipeline. Even when they persist in their education/training and achieve professional credentials, many women still leave the field or go into sales or teaching. Indeed, many female engineers refer to engineering as their first career. Clearly, the pipeline is not solving the problem. Additional challenges that have a detrimental effect on girls' performance: the backlash against programs for girls that occurs as people identify problems with boys' academic success, and research showing that there "might" be a gender difference in aptitude for different subjects. Boys are also struggling in an educational system that is outdated and unable to change with the speed required in today's world. We need to stop looking for quick remedies and we need to stop concentrating on how to "fix" the girls. Although we cannot neglect strategies and research about improving education in the STEM fields for girls and boys, other components are just as important. There is no single reason that girls persist in STEM less successfully than boys. It is a combination of interest, talent, socialization, support and opportunity that adds to the complexity of the problem. While we continue to identify new educational approaches, we must also look to ourselves and actively challenge our assumptions about why these dynamics exist. There isn't a deliberate strategy to exclude girls. Rather, with all good intentions, we see what we are used to seeing. As individuals, we need to do our own work. We need to continually educate ourselves about gender dynamics — both blatant and invisible, as it is accepted as "normal" in our culture — and we need to ask more questions rather than look for simple answers. If we understand our own internal biases and good intentions, we are better able to respond to both girls and boys as individuals, and offer support and challenge that benefit both. We need to reframe the issue. We need to consider teacher preparation, become more culture-literate consumers, question our assumptions, recognize that girls are not the problem and understand that it is not as simple as getting them to love science. Girls have a natural curiosity and interest in the world that can be nurtured, but until we rethink our strict gender expectations, stop color-coding our children and their toys, and resist the urge to be complacent with the status quo so our children fit in and don't suffer the pain of being different, progress will be slow, individuals

will not fully meet their potential, and society will be constrained by a narrow selection process for some of our most critical fields. Sharon Barker is the director of the UMaine Women's Resource Center and collaborative lead for the Maine Girls Collaborative Project **Reengineering the future My best friend Sue** and I turned 14 in 1972, the year Title IX was enacted to ensure gender equity in educational programs receiving federal funding. Encouraged by our IBM fathers, we both became engineers and expected lots of girls to follow our lead. At first, we were right. The number of women who graduated as engineers jumped from 500 in 1972 to 8,300 in 1982. But growth slowed. Then, in 2002, it flattened to about 12,500 graduates. Today, college-bound women are well-prepared to study engineering, but only one in five engineering students is a woman. Without the directed parental encouragement we received, many young women reject the field, convinced that engineers are math and science whizzes like our IBM dads. As states incorporate engineering outcomes into K–12 curricula, federal agencies and engineering societies are working to break through the stereotype so girls can see themselves as engineers. Biomedical engineer Jessica designs stents to repair clogged arteries. On the Engineer Your Life website, she describes how she loves her work that helps a patient live longer and enjoy a better quality of life. Also on that site, Katherine recalls how her 4-year-old brother's life was saved by a helicopter ride to a hospital. She's now a materials engineer designing helicopter parts. Girls are more likely to consider engineering careers when they hear women engineers telling how their work makes a difference, and how their jobs are enjoyable and in good working environments, offering good salaries and flexibility. The website Changing the Conversation by the National Academy of Engineering posts outreach examples engineering educators can use to appeal to young women, and highlights audience-tested messages, such as "Engineers make a world of difference." STEM educators can use free online surveys developed by the Assessing Women and Men in Engineering Project to determine if their programs are reaching youths. Engaged schools and universities are applying these well-researched tools. In 2004, the Government Accountability Office reported that federal granting agencies needed to do more to ensure compliance with Title IX. The NASA *Title IX & STEM* self-evaluation guide makes clear that outreach is critical to the university admissions process, and asks universities receiving NASA funds to evaluate whether their outreach messages attract young women. Title IX reviews can encourage engineering programs to improve their recruitment to reach girls and women. The U.S. needs to kick-start new growth in the number of women pursuing engineering degrees. We can begin by reframing engineering education and outreach so more young women believe engineering is a career for them. NASA's *Title IX & STEM* guidelines suggest we have a legal obligation to do so. *Karen Horton is a UMaine associate professor of mechanical engineering technology and past chair of the Government Relations and Public Policy Committee of the Society of Women Engineers* **Decoding the mixed messages As a young girl**, I had three clear choices about what I could be when I grew up — a mom, secretary or teacher. Early on, I ruled out a career as a nurse because, despite being a top student in elementary school, I believed I was "not good" in math or science. Luckily, things have changed for girls. Now girls are told they can be anything they want to be. Certainly, this is the message I gave to my daughters when they were young. Why, then, are more girls not choosing to pursue careers in science, engineering, technology and mathematics? Girls receive many conflicting messages about what it means to be a girl in our society. Many of these messages contradict the messages I gave to my daughters. The most pervasive contradictions can be found in media. Open a magazine or watch television with an eye toward how girls and women are portrayed. You'll see a multitude of images, words and storylines that scream that girls and women are valued for their appearance and sexuality, and life revolves around boys and men. Some advertisements and television shows may even be premised on "girl power," but upon closer examination, you will likely find that girl power has been redefined. My colleague Lyn Mikel Brown demonstrates in her book, *Packaging Girlhood*, that girl power has been co-opted by marketers. Yes, girls still have power, but now they have the power to shop, fight with each other and decide if they will be a girly girl or a guy's girl. If you need more evidence of the limited options offered to girls, go to a toy store. How long does it take you to figure out which aisle is for boys and for girls, and which one has the more interesting and creative toys? Check out the LEGO section. LEGO now has reinvented sets for girls. In the new pastel LEGOs, girls can build beauty shops, hot tubs and cafés. The LEGO figurines have waists and breasts. How is a girl supposed to reconcile these messages with the message that she can be anything? Certainly not on her own. Girls need adults who can help them understand that they are more complex, smarter and powerful than portrayed by the media and marketers. Here are some ways you can support a girl you care about to broaden her range of possibilities, including what it might be like to be a scientist, computer programmer, engineer or mathematician:

- Beginning at a young age, help girls critically analyze the media and the world around them.
- Expose girls to opportunities to meet women in STEM fields and other nontraditional jobs.
- Promote books and television shows that portray girls and women as strong and smart, such as the original Dora the Explorer or the SciGirls.

- Praise a girl for her efforts, not the results of her efforts.
- Reinforce that learning information and skills takes practice.
- Tell a girl how smart she is, instead of how pretty she is.
- Expose girls to diverse learning opportunities (e.g., robotics camps, LEGOs that build something other than hot tubs; science camps and clubs).
- Help girls and boys understand how what scientists and engineers do helps people, animals and our environment.
- Create a climate at home or in the classroom that encourages exploration and curiosity without limits based on gender. Give girls trains and boys dolls.
- Ensure that girls get hands-on time in science.

Rather than lament about girls not pursuing careers in science, technology, engineering and mathematics, take action to help girls in your life broaden their world of possibilities. Who knows? She might be the next Sally Ride. *Mary Madden is the director of UMaine's ADVANCE Rising Tide Center and an associate research professor of education* **Changing the culture** When I decided to major in physics in the early 1970s, I had no idea that so few women would be joining me to study and work in this field. At that time, I was an undergraduate at Princeton, and it was not unusual to be the only woman in a class, since the university had only recently begun admitting female students. I envisioned that women would move relatively quickly into the field, just as they had done in law and medicine. I assumed that others would be attracted by the creativity, the excitement of solving challenging, important problems, and the fun of building equipment to design and conduct experiments. Throughout my career and now as a professor of physics at the University of Maine, I have continued to enjoy these kinds of work opportunities. Looking at current statistics, though, only approximately 20 percent of physics undergraduate degrees in 2010 were awarded to women, and 8 percent of full professors in physics are women. Why has this situation persisted in physics and many of the engineering disciplines, when women have readily moved into other professions that are also viewed as challenging and require many years of study? In an era in which we have a national need for additional workers in engineering and the physical sciences, why have we not seen more women entering these fields? These questions and others have led me more recently to focus on challenges in STEM education: What does research tell us about how to prepare students for careers in STEM disciplines and how should we teach in ways that attract more students, especially those currently underrepresented, into these fields? These types of questions motivated me to lead the formation of the Maine Center for Research in STEM Education 10 years ago and to pursue, with colleagues around the state, funding for the Maine Physical Sciences Partnership. In considering the shortage of women and girls in many STEM disciplines, two common myths need debunking: *Myth #1: We just need to figure out the one thing that should be done to change this situation.* So often people say, "If we could just keep girls interested in mathematics and science in middle school"; or "If we just had more women role models"; or "If girls only studied more mathematics." In fact, the underrepresentation of women in particular disciplines arises from many factors. The causes of underrepresentation are multifaceted and the solutions that work will be as well. *Myth #2: Time is fixing this problem. If we continue to wait, the next generation of girls will pursue these disciplines as commonly as boys, in spite of the lack of women already in them.* Statistics don't support this view. In the last three decades (1981–2010), the percentage of physics bachelor's degrees earned by women has only risen from about 12 percent to 21 percent — a decline of a few percentage points from the maximum reached in 2000. In 39 percent of Ph.D.-granting physics departments, there are either no women faculty or only one woman on the faculty (2006 data). These myths suggest some important avenues to pursue to move toward the cultural changes needed to bring more women into physics, engineering and other disciplines in which their talents are needed. First, the community needs to recognize that this problem requires a collaborative, thoughtful and comprehensive approach. The Maine Girls Collaborative takes an important step in bringing leaders, both women and men, together to build this approach in K–12. This type of work needs to be expanded into postsecondary institutions and workplaces. Changing the culture and providing support and opportunities for girls and women in these disciplines must be a long-standing and immediate priority. We cannot wait for this type of change to happen on its own. Work toward this end must be valued, incentivized and rewarded in our institutions. In tough economic times, it is natural to focus professional energy to meet mainstream measures of productivity, neglecting underrepresentation and diversity. Ongoing awareness and research-guided actions are both essential to change this situation. *Susan McKay is a UMaine professor of physics and the founding director of the Maine Center for Research in STEM Education (RiSE Center) on campus*

UMaine Prepares for 2012 Family, Friends Weekend

12 Sep 2012

The University of Maine will welcome guests Friday, Saturday and Sunday for Family and Friends Weekend, which includes a host of activities around campus. The events begin Friday evening with a show at the Jordan Planetarium and music, food and drink specials at the Bear's Den in the Memorial Union. Saturday's activities include the Black Bear Attack road race at 10 a.m., a noon lobster bake and beef and chicken cookout, and UMaine's first home football game of the season at 6 p.m. against the University at Albany. On Sunday, there will be an Out of the Darkness suicide prevention walk, a waffle bar at the Memorial Union, and a comedy performance at the Collins Center for the Arts featuring Gabriel Iglesias. A complete list of activities and information about local accommodations is available on the [Student Affairs website](#). Contact: George Manlove, (207) 581-3756

UMaine's Cote Gains College Football Honor

12 Sep 2012

University of Maine football player [Michael Cole](#) has been named the College Football Performance Awards FCS National Defensive Player of the Week and National Defensive Lineman of the Week. Cole, a junior defensive end from North Brunswick, N.J., had a pair of sacks for a loss of 18 yards and a forced fumble at Atlantic Coast Conference member Boston College on Saturday. Also honored by the CFPA was sophomore punter [Jeffrey Ondish](#), a sophomore from Elkton, Md., who earned a Punter Performer of the Week honorable mention. Contact: George Manlove, (207) 581-3756

Newspaper Reports Gym, Field House Contract Award

12 Sep 2012

[Mainebiz has posted on its website](#) a news release from PC Construction, which has been awarded a \$14 million contract to manage renovations and upgrades at UMaine's Memorial Gymnasium and Field House. The construction, scheduled to start in the spring, will be the first major work on the two buildings since they were built 80 years ago, according to the PC Construction news release. Contact: George Manlove, (207) 581-3756

County Crop Specialist in Potato Harvest Story

12 Sep 2012

The St. John Valley Times interviewed University of Maine Cooperative Extension educator and crop specialist Steve Johnson in Aroostook County about how the summer's lack of rain hurt the northern Maine potato crop. Johnson said one community, Saint Agatha, received only 1.1 inches of rain in July and less than two inches in August, which stressed plants and caused smaller potatoes. Contact: George Manlove, (207) 581-3756

TV News Interviews Yarborough on Blueberry Yield

12 Sep 2012

Channel 6 (WCSH) in Portland and Bangor affiliate Channel 2 (WLBZ) ran a report featuring University of Maine Cooperative Extension educator and blueberry specialist David Yarborough who discussed the season's blueberry crops. Yarborough said the season could be the best since 2000, in spite of a dry August and blight that hurt production for some growers. The global fruit and vegetable news website Fresh Plaza also posted the report. Contact: George Manlove, (207) 581-3756

Literacy Specialist Comments in Radio Report

12 Sep 2012

Susan Bennett Armistead, who teaches early literacy at UMaine and works with the program Raising Readers, was interviewed for a [Maine Public Broadcasting Radio report](#) on plans to increase literacy in Maine. Armistead said asking

local communities to take control of their own literacy needs is a unique approach to reform. Contact: Jessica Bloch, (207) 581-3777

Editorial Lauds FoodCorps Program

12 Sep 2012

A [Bangor Daily News](#) editorial about combating childhood obesity said that the University of Maine Cooperative Extension-hosted FoodCorps, an extension of the national AmeriCorps program that foments community and school gardening, along with healthy food choices, is a promising way to educate people about healthier lifestyles and ways to improve. The program is particularly effective, the editorial said, because it is expanding and builds community connections that will last beyond the life of the FoodCorps program. Contact: George Manlove, (207) 581-3756

Political Scientist Comments on Funding for Election Ads

12 Sep 2012

UMaine political scientist Mark Brewer was interviewed for an Associated Press report that ran on the [Boston Globe website](#) about the National Republican Senatorial Committee's infusion of funding for Republican Senate candidate Charlie Summers and TV ads for his campaign. Brewer said the committee typically does not "throw around money" without a purpose, and therefore must feel Summers' campaign is worthy of the cash infusion. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension's Jemison in TV Foliage Report

12 Sep 2012

University of Maine Cooperative Extension specialist John Jemison was interviewed by Channel 5 (WABI) for a report on the coming fall foliage season. Jemison explained how chlorophyll and other pigments in leaves photosynthesize as the summer wanes, which turns leaves primarily from green to bright yellow, red and orange. The timing of the color change can be dependent upon a variety of factors, he said, but foliage normally starts to color in early October. Contact: George Manlove, (207) 581-3756

Marsh Island Bow-Hunting Season Opens

13 Sep 2012

Members of the University of Maine community should be aware that the bow-hunting season has begun in the Marsh Island areas of Orono and Old Town and will continue through Dec. 8. The University of Maine Police Department is asking the general population to be especially vigilant while using recreation trails and bike paths, and in campus areas adjacent to municipal property. Bow hunting is not permitted on UMaine property. For more information, contact UMaine police at (207) 581-4040 or the Maine Warden Service at (800) 432-7381. The local game warden is James Fahey. Contact: Jessica Bloch, (207) 581-3777

Campus Community Discussion with Chancellor Page Planned

13 Sep 2012

University of Maine President Paul Ferguson will join University of Maine System Chancellor James Page and UMaine System Trustee Greg Johnson from 12:30 p.m. to 2 p.m. on Wednesday, Sept. 19 in Minsky Recital Hall for a UMaine community discussion about the strategic change efforts emanating from the Board of Trustees' Goals and Actions Plan. They will describe the overall effort, introduce three important projects centered on system resource allocation and enhancing credit transfer, in addition to reviewing the connection to UMaine's Blue Sky Project. Approximately half of the scheduled time will be available for questions. Contact: George Manlove, (207) 581-3756

UMaine Wind Research in AP Report

13 Sep 2012

An Associated Press article about a forthcoming report on what needs to be done to make offshore wind power in Maine a reality notes that the University of Maine leads a consortium of nonprofits, utilities and businesses planning floating wind turbines that will generate 5 gigawatts of power by 2030. The report, "The Turning Point for Atlantic Offshore Wind Energy," to be released Thursday by the National Wildlife Federation, Environment and others, identifies challenges and opportunities for offshore wind power development. Channels 2 (WLBZ) and 5 (WABI) also carried the AP report. Contact: George Manlove, (207) 581-3756

Newspaper Advance Notes Hazing Expert's Participation in Meeting

13 Sep 2012

The [Orlando Sentinel reported](#) that UMaine education professor and nationally known hazing researcher Elizabeth Allan is one of the experts who is expected to attend a Sept. 20 meeting at Florida A&M University, the site of recent hazing incidents. Allan, the principal investigator for the National Study of Student Hazing in 2008, is serving on an FAMU anti-hazing committee. Contact: Jessica Bloch, (207) 581-3777

President Ferguson, Chancellor in 'One Maine' Conference

13 Sep 2012

University of Maine President Paul Ferguson and University of Maine System Chancellor James Page were part of a "One Maine, One Table" conference covered Wednesday by [Channel 7 \(WVII\)](#) at UMaine's Foster Center for Student Innovation. The conference was organized to discuss the importance of approaching the state's challenges in nonpartisan ways, and ways in which education in Maine can be more affordable, efficient and provide Maine students with opportunities to succeed. Contact: George Manlove, (207) 581-3756

Barker Interviewed for MPBN Pay-Equity Report

13 Sep 2012

Sharon Barker, director of the University of Maine's Women's Resource Center provided background information for a [Maine Public Broadcasting Network report](#) on a Colby College program designed to teach women how to prepare to negotiate for fair and equal pay in the workplace. While studies show that women are paid about 75 percent of what male counterparts are paid for similar work, a representative for The WAGE project said negotiation skills are critical for higher salaries for women. Contact: George Manlove, (207) 581-3756

Art Museum Gala Set for Sept. 22

13 Sep 2012

The University of Maine Museum of Art will host MOSAIC, its fourth annual gala event, from 5:30 p.m. to 8:30 p.m. on Saturday, Sept. 22, at the museum at 40 Harlow Street in downtown Bangor. The museum galleries will be transformed into a creative stage for music, art and mingling with fellow museum and art enthusiasts. The event includes wine and gourmet treats, live entertainment, an art-making station, silent auction and more. Tickets are \$30 for an individual (\$15 is a tax-deductible donation) and \$50 for a couple (\$30 is tax-deductible) and can be purchased at the museum, by calling (207) 561-3350, emailing kj@umit.maine.edu, or at the door. MOSAIC benefits the University of Maine Museum of Art exhibition and education programs. [Click here for more information \(PDF\)](#). Contact: Kathryn Jovanelli, (207) 561-3350 or kj@umit.maine.edu

School of Performing Arts Presenting Millay Performance

14 Sep 2012

The poet Edna St. Vincent Millay will be the focus of a University of Maine School of Performing Arts performance at 7:30 p.m. on Friday, Sept. 21. "Rediscovering Millay," which honors the 100th anniversary of Millay's discovery at the Whitehall Inn in Camden, Maine, will take place in UMaine's Minsky Hall. UMaine faculty members Nancy Ellen Ogle (soprano), Laura Artesani (piano), Kathleen Ellis (narrator) and Ginger Yank Hwalek (piano), a special guest, will perform. Tickets are \$9 and available at the Collins Center for the Arts box office or at the door before the performance. The show is free with a student MaineCard. Contact: Monique Hashey, (207) 581-4721 or monique.hashey@umit.maine.edu

Maine Girls Collaborative Funding Conference Planned

14 Sep 2012

The University of Maine is hosting an Oct. 19 conference on nonprofit fundraising featuring University of Washington faculty member and consultant Susan Howlett, who will deliver a talk titled, "Boards on Fire! Inspiring Leaders to Raise Money Joyfully." The conference will be held from 9:30 a.m. to 4:30 p.m. at UMaine's Wells Conference Center. Other sessions will explore the barriers organizations unwittingly put in the way of board members and offer simple, no-cost solutions to remove those barriers to raise money for organizations. The UMaine Women's Resource Center is collaborating on the conference with the Maine Girls Collaborative Project, the Maine Community Foundation, the Maine Women's Fund and Maine Initiatives on behalf of the [National Girls Collaborative \(NGC\) Project](#). The cost of participating is \$35. [Registration and other information is available on the NGC website](#). Contact: Faye Boyle, (207) 581-1508

UMaine Extension Expert Predicts 'Super' Cranberry Harvest

14 Sep 2012

Despite an increase this year in pests such as worms and moths, University of Maine Cooperative Extension cranberry professional Charlie Armstrong says this year's cranberry crops "are looking super, overall," and is available to discuss some of the factors influencing the yield. Armstrong says cranberry fruitworm populations were very high this year, as much as three times higher than normal, which affected some growers, but those most seriously affected lost only 5 to 10 percent of their crop. Armstrong blames the mild winter for high fruitworm and moth populations. Contact: Charlie Armstrong, (207) 581-2967 or (207) 944-2625 or George Manlove, (207) 581-3756

Florida TV Station Notes Hazing Expert's Participation in Meeting

14 Sep 2012

[Florida's WCTV](#) is reporting that UMaine education professor Elizabeth Allan, who in 2008 along with fellow faculty member Mary Madden authored a groundbreaking national study on hazing, will participate in a Sept. 20 town hall meeting at Florida A&M University. FAMU has been the site of recent hazing incidents. Contact: Jessica Bloch, (207) 581-3777

Offshore Wind Research Noted in Media Coverage

14 Sep 2012

The release of a report about the value of offshore wind power brought several media mentions of research being done at UMaine's Advanced Structures and Composites Center, which is looking at deepwater offshore wind turbines in the Gulf of Maine. Center director Habib Dagher told the [Bangor Daily News](#) that, while growing technologies such as offshore wind power need to be incentivized, his team and Gov. Paul LePage share the same goal, which is to create jobs and reduce costs. The New Hampshire Business Review mentioned that the only offshore wind activity cited for the state is the University of New Hampshire's Center for Ocean Renewable Energy receiving a \$700,000 Department of Energy Grant in 2009 to participate in the DeepCWind consortium, led by UMaine. The website [Power Engineering](#)

also noted UMaine's wind research. Contact: Jessica Bloch, (207) 581-3777

National Media Coverage for Tidal Power Project

14 Sep 2012

News that the tidal power project in Eastport, Maine, for which UMaine engineers, marine scientists, oceanographers and social scientists provided research, is now providing energy to the U.S. power grid for the first time was reported in several national media outlets. An Associated Press story was posted on the Washington Post, Huffington Post and CBS News websites. The [Bangor Daily News also reported](#) on the milestone. This is the first power from any ocean energy project including offshore wind, wave and tidal, to be delivered to an electric utility grid in the United States, and it is the only ocean energy project, other than one using a dam, that delivers power to a utility grid anywhere in North, Central and South America, according to the Portland-based Ocean Renewable Power Company, which developed and operates the project. Contact: Jessica Bloch, (207) 581-3777

BDN Notes Saturday's Youth Sports Event

14 Sep 2012

A [Bangor Daily News](#) article has information about a Saturday event, during which UMaine baseball and softball coaches and players and other Department of Athletics staff members will partner with local law enforcement officials to host "Badges to Baseball" for underprivileged youths. The program, sponsored by the Cal Ripken, Sr. Foundation, aims to develop character, provide youngsters with opportunities to learn and succeed, and build positive relationships between at-risk youth and police, according to participant Noel March, U.S. Marshal for Maine and former UMaine police chief. The [BDN also reported](#) on the ongoing search for a UMaine senior associate athletic director. Contact: George Manlove, (207) 581-3756

Collins Center Plans Promotional Event

17 Sep 2012

The [University of Maine's Collins Center for the Arts](#) will hold an informational event at noon on Wednesday, Sept. 19, starting at the Hilltop dining facility, to introduce students to the benefits available to them through Collins Center events and special offers. The event will move during the noon hour from Hilltop to the Memorial Union. Contact: George Manlove, (207) 581-3756

Economist Comments on Maine's Workforce Imbalance

17 Sep 2012

UMaine economist Todd Gabe was interviewed for a [Bangor Daily News article](#) about the differences in workforces between urban Cumberland County and more rural counties in Maine. Gabe said Cumberland County is a so-called thinking region whose residents tend to have high knowledge about arts, IT, humanities and commerce while lacking knowledge about production and processing. The greater Portland area, he added, has a high percentage of people with college degrees, which has led to higher productivity and earnings. [Mainebiz ran a portion of the story on its website](#). Contact: Jessica Bloch, (207) 581-3777

Extension's Armstrong in MPBN Cranberry Report

17 Sep 2012

University of Maine Cooperative Extension educator and cranberry specialist Charlie Armstrong was interviewed for a Maine Public Broadcasting Network report on the 2012 cranberry harvest. Armstrong said the crop is looking good, in spite of an increase in crop pests in some areas. Contact: George Manlove, (207) 581-3756

UMaine China Recruitment Effort Reported

17 Sep 2012

A [Maine Public Broadcasting Network report](#) on the weeklong trade mission to China, being led by Gov. Paul LePage, noted that University of Maine representatives also are part of the trip for student recruitment purposes. Contact: George Manlove, (207) 581-3756

Student Photo Used in Editorial About Diversity

17 Sep 2012

A photo of UMaine students celebrating a past Martin Luther King Jr. Day was used on the [Bangor Daily News website](#) Monday to illustrate an editorial about diversity in Maine. The photo showed UMaine students doing a “human knot” activity with children at the Bangor Mall. Contact: Jessica Bloch, (207) 581-3777

Channel 5 Features UMaine Electric Bike Commuter

17 Sep 2012

Channel 5 (WABI) interviewed Victoria Blanchette, communications specialist in the College of Engineering, about Blanchette’s new electric bicycle, on which she commutes to the university from Bangor to reduce gasoline purchases. Blanchette figures she’ll save as much as \$1,600 a year. Contact: George Manlove, (207) 581-3756

Tidal Power Collaborators Meeting Advanced

17 Sep 2012

Channel 5 (WABI) and Channel 2 (WLBZ) reported that University of Maine researchers will join other Maine Tidal Power Initiative collaborators Tuesday in Trescott near Cobscook Bay for a daylong public meeting that will update UMaine’s ongoing research into tidal power. The university is working with the Portland-based Ocean Renewable Power Company on the nation’s first tidal turbine connected to the power grid. An Associated Press story appeared on the CBS News website.

Contact: George Manlove, (207) 581-3756

Collins Center Director Profiled in Newspaper

17 Sep 2012

John Patches, the executive director of the UMaine-based Collins Center for the Arts, was profiled in a [Bangor Daily News report](#) on his 20 years at the CCA. Patches told the BDN the CCA has had to adapt and change as audiences and finances have changed. Brett Zeigler, a CCA staff member and UMaine graduate, was interviewed for the story. Contact: Jessica Bloch, (207) 581-3777

News Media Covers Slavin Memorial Event

17 Sep 2012

Several area news organizations, including the [Bangor Daily News](#) and Channel 5 (WABI) covered Friday’s memorial celebration of the life of University of Maine Honors College Dean Charlie Slavin, who died unexpectedly in July. Around 650 friends and colleagues of the 58-year-old mathematician turned out to honor Slavin at UMaine’s Collins Center for the Arts. Contact: George Manlove, (207) 581-3756

Political Scientists Comment in Newspaper Reports

17 Sep 2012

University of Maine political scientist Mark Brewer was interviewed for a [Kennebec Journal article](#) on whether a national, right-wing organization's support for Maine 2nd District Congressional candidate Kevin Raye can be considered “nonpartisan,” as the group claims. Brewer said both right- and left-leaning political organizations claim to be nonpartisan. Comments from Amy Fried of UMaine’s political science department were included in a [Portland Press Herald story](#) about Maine’s increasing importance in the GOP’s national effort to retake the U.S. Senate. Fried said as Republican chances around the country are being squeezed, GOP groups may plug more money into Maine’s Senate race. Contact: George Manlove, (207) 581-3756

Channel 2 Covers UMaine Baseball Event

17 Sep 2012

Channel 2 (WLBZ) Saturday interviewed UMaine baseball coach Steve Trimper about a “Badges for Baseball” event cosponsored with area law enforcement agencies, the U.S. Department of Housing and Urban Development and UMaine coaches, student-athletes and staff to teach area youth about the fundamentals of baseball along with life skills, leadership and discipline. Contact: George Manlove, (207) 581-3756

Dagher Comments in Offshore Wind Debate Articles

17 Sep 2012

University of Maine Advanced Structures and Composites Center Director Habib Dagher was interviewed for a [Bangor Daily News article](#) on the economics of an offshore, deep-water wind farm project being managed by the DeepCwind Consortium, which includes UMaine researchers and the Statoil North America company. Gov. Paul LePage’s energy czar Ken Fletcher has challenged the economics of the pilot project, while supporters, including Dagher, argued that the project is a first step toward a larger, more profitable energy industry alternative. Dagher also was quoted in a news report from [California radio station KQED](#) on the economic potential of thus-far untapped offshore wind power resources in both California and Maine. Contact: George Manlove, (207) 581-3756

Industry Website Lauds UMaine Extension Meat Initiative

17 Sep 2012

The [Drovers CattleNetwork website](#) posted an editorial column praising the University of Maine Cooperative Extension’s new “More Maine Meat” initiative, designed to support sustainable agriculture and increase revenues for Maine livestock producers through encouraging more forage-based feed resources. The editorial says the program provides a business model that aims to keep the state’s meat producers in the black and in business. Contact: George Manlove, (207) 581-3756

Maine EPSCoR State Conference at UMaine

18 Sep 2012

The University of Maine will host the daylong Maine EPSCoR State Conference, starting at 7:30 a.m. on Monday, Sept. 24 at the Wells Conference Center. The conference, “Building Partnerships for Sustainability Solutions,” will focus on enhancing sustainable science research collaboration. Keynote speaker Curt Spalding, U.S. Environmental Protection Agency's Region 1 administrator, will discuss “Sustainable Solutions for New England.” The conference will include panel discussions on building sustainable science research partnerships among disciplines, institutions and stakeholders. Speakers representing the National Science Foundation and UMaine will explain interdisciplinary student and faculty research opportunities, including those presented through the Maine EPSCoR Sustainability Solutions Initiative at UMaine. Participants also will hear about the university’s role in the Maine Tidal Power Initiative, learn about student

research through a poster session and see a preview of the next Maine Public Broadcasting Network's "Sustainable Maine" documentary series about the Sustainability Solutions Initiative. Details and an agenda are available on the EPSCoR (Experimental Program to Stimulate Competitive Research) conference website. Contact: George Manlove, (207) 581-3756

Manev Comments in Maine-China Trade Mission Article

18 Sep 2012

An [article in the Bangor Daily News](#) about last week's trade mission to China led by Maine Gov. Paul LePage and included representatives from a dozen businesses, organizations and institutions, including the University of Maine, contained comments from Ivan Manev, dean of UMaine's Maine Business School. Manev hopes to build new partnerships with Chinese educators to increase the number of student and teacher exchange programs between UMaine and Chinese counterparts. Last year UMaine had 89 students and 10 visiting scholars from China, Manev said. Contact: George Manlove, (207) 581-3756

Thaler Moderates Senate Candidate Energy Debates

18 Sep 2012

[The Portland Daily Sun](#) and the [Portland Press Herald](#) reported on a debate among three U.S. Senate candidates, which was moderated by Maine environmental lawyer Jeff Thaler, the University of Maine visiting professor of energy law and policy. Independent Angus King, Democrat Cynthia Dill and Republican Charlie Summers debated the future of the nation's energy and environmental policies in a format selected by Thaler as the best way for candidates to differentiate their positions from one another. Contact: George Manlove, (207) 581-3756

BDN Advances CCA U.S. Marine Band Concert

18 Sep 2012

An advance about "The President's Own" United States Marine Band concert, which is being cosponsored by UMaine's School of Performing Arts and the Bangor Daily News, appeared on the [BDN website](#). The concert is being held at 7:30 p.m. on Tuesday, Oct. 16 at UMaine's Collins Center for the Arts. Tickets are free and available to the public by sending a self-addressed, stamped envelope to: Marine Band Tickets, University of Maine, School of Performing Arts, Room 208, Class of 1944 Hall, Orono, 04469-5788. Contact: George Manlove, (207) 581-3756

UMaine Admissions Director on Workshop Panel

18 Sep 2012

[The Ellsworth American's Fenceviewer website](#) noted that University of Maine Admissions Director Sharon Oliver will be part of a panel Oct. 3 at Ellsworth High School. Oliver will discuss the college admissions process with high school students. Contact: George Manlove, (207) 581-3756

Newspaper Report on UMaine's Top 20 Party Ranking

18 Sep 2012

In a [Portland Press Herald article](#) about the Princeton Review's recent listing of UMaine as a party school, several UMaine students who were interviewed said reports of excessive partying are exaggerations. Vice President for Student Affairs and Dean of Students Robert Dana, who was also interviewed for the story, said the university stresses moderation and personal responsibility, and that most students behave appropriately. Orono police Capt. Josh Ewing told the newspaper that the UMaine party atmosphere is much tamer now than in years past. Contact: George Manlove, (207) 581-3756

Feature on Student's Thermoplastics Research

18 Sep 2012

[A Bangor Daily News article](#) featured research by UMaine Ph.D. student Alper Kiziltas, who is creating new heat-resistant automotive plastics from natural materials like wood flour, hemp and flax instead of glass and carbon fibers. Kiziltas said his recent research has established that natural fillers can stand the stress of high temperatures and are low-cost, low-density, strong, renewable, recyclable and biodegradable. Contact: George Manlove, (207) 581-3756

TV Report on UMaine Insect Collection Donation

18 Sep 2012

[Portland TV station Channel 6 \(WCSH\)](#) reported on the donation to the Maine State Museum in Augusta of the University of Maine's collection of 107,000 insects dating back more than 100 years. The report said the collection can be used as a baseline to study climate change, environmental pollution and whether insects are invasive. Contact: George Manlove, (207) 581-3756

Podcast of Markides Interview on Ancient Faith

18 Sep 2012

An interview by Ancient Faith Radio with University of Maine professor of sociology Kyriacos Markides, author of a series of books on the world of shamans and the mystical Orthodox Christian faith, is available on the [program website](#). Markides discussed both conventional and paranormal aspects of Eastern Christianity, including near-death experiences and meditation. Contact: George Manlove, (207) 581-3756

UMaine Extension Educator Noted in Article

18 Sep 2012

Wanda Lincoln, a University of Maine Cooperative Extension nutrition education professional, was noted in a [Kennebec Journal article](#) on a school choice task force assembled by Maine Gov. Paul LePage. Lincoln was appointed to the task force, which is charged with developing a school choice proposal to send to lawmakers in January. Contact: Jessica Bloch, (207) 581-3777

Lobster Institute Celebrating 25th Anniversary

12 Sep 2012

Since 1987 the University of Maine-based Lobster Institute has worked to sustain both a viable lobster resource and lobster fishery through conservation, outreach, research and education. The institute will celebrate on Friday, Sept. 21, its 25 years of work for lobstermen and all sectors of the lobster industry, from Newfoundland to Long Island Sound, with a research showcase at UMaine's Memorial Union and an awards ceremony at a dinner that night. The showcase, which will run from 11 a.m. to 3 p.m., is free and open to the public and will be held in the atrium area in front of the UMaine bookstore in the Union. It will feature more than 20 poster presentations and displays of a range of projects including lobster health sampling; bait amounts; stock assessment; and value-added product development. Displays include a model of the Habitat Mooring System, a new concept in moorings that was developed with assistance from UMaine engineers and marine scientists; a mounted lobster shell nearly 30 inches long; lobster traps and tools; and an exhibit tracing the history of the institute. There will be a special hour from 1 p.m. to 2 p.m. for news media interested in interviewing Lobster Institute officials such as Dr. Robert Bayer, who has served since 1995 as executive director of the institute, associate director Cathy Billings, and researchers affiliated with the institute. The anniversary celebration continues Friday night at an awards ceremony and dinner on the UMaine campus. The dinner is sold out. The Lobster Institute was founded by five major stakeholders — the Maine Lobstermen's Association, the Massachusetts Lobstermen's Association, the Maine Pound Owners Association, the Maine Import/Export Dealer's Association and the

University of Maine — who recognized the lobster fishery in Maine and surrounding areas was the signature fishery of the North Atlantic. Further, they understood that protecting this invaluable natural resource, which was the cornerstone to a vast structure comprised of economically related businesses and culturally related lifestyles and art forms, was incumbent upon the industry itself and the communities and states in which those industries were relied upon to thrive. The founders supported the creation of a research and educational entity designed to conduct scientific investigation on and provide information about the American lobster (*Homarus americanus*) in order to help conserve and enhance the resource, and ensure the continuance of a strong and healthy lobster industry in Maine and the region. The University of Maine Board of Trustees approved the creation of the Lobster Institute at the University of Maine in 1987. In the years since its inception, the landings and values of the lobster catch have risen. From 1994 to 1999 the increase in landings reported in Maine alone was 13.5 million pounds. In 2011, the dockside value of Maine's catch hit a record 103.8 million pounds, valued at \$331.4 million, with an estimated economic impact on the state economy of over \$1 billion. Today, there are approximately 6,000 commercial lobster license holders in Maine, more than 2,000 in Massachusetts and slightly fewer in Connecticut, New Hampshire, New Jersey, New York and Rhode Island. There are thousands of recreational licenses issued yearly as well. In addition, Canada has a thriving lobster fishery in the Maritime Provinces, and is the largest supplier of the American lobster worldwide. The Lobster Institute works with all of these regions, which all share the same invaluable natural resource — the American lobster. Contact: Cathy Billings, (207) 581-2751, (207) 949-2028 or cathy.billings@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

UMaine Political Experts Available to Discuss Election

19 Sep 2012

As the presidential election season heats up, the University of Maine has several experts available to discuss the campaigns and candidates, as well as their most recent election- and political-related research. Mark Brewer, an associate professor of political science, follows American politics, political parties, elections, interest groups and religion and politics. His recent research includes an examination of the evolving definition of the word liberalism, which had a very different connotation 100 years ago than it does today. Brewer can be reached at (207) 581-1863 or mark.brewer@umit.maine.edu. Amy Fried, a professor of political science, is interested in American politics, public opinion, participation, voting rules, and women and politics. She is a national expert in public opinion and her blog, Pollways, can be read at pollways.com. She recently released a book, "Tea Party Talk – The Governors," which compiles quotations and comments from Tea Party governors across the country and discusses their links to the Tea Party movement. Fried can be reached at (207) 581-1797 or amy.fried@umit.maine.edu. Jordan LaBouff, a Department of Psychology faculty member, authored a study that found participants interviewed outside a religious structure in two western European cities were more ideologically conservative, more strongly supported specific conservative policies, and were more negative towards out-groups like Muslims, foreigners, or homosexual persons than did those who were interviewed outside a nonreligious structure such as a government building. LaBouff collaborated on the research while he was a doctoral candidate at Baylor University in Texas. LaBouff can be reached at (207) 581-2826 or jordan.labouff@umit.maine.edu. Richard Powell, an associate professor of political science, has research interests that include the U.S. Presidency, Congress, mass media, elections, state politics and constitutional law. He has also authored book chapters on presidential communications, and is prepared to discuss the presidential debates, which begin Oct. 3. Powell can be reached at (207) 581-1795 or rpowell@maine.edu Contact: Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Football and Food Safety

19 Sep 2012

[Click here to view the "How do I keep food safe at tailgating events?" video on YouTube.](#)

What is Harvest for Hunger?

19 Sep 2012

[Click here to view the "What is Maine Harvest for Hunger? " video on YouTube](#)

Segal Op-Ed on Penn State Utopia Collections

19 Sep 2012

In an opinion column in the British literary journal [The Times Higher Education](#), University of Maine professor of history Howard Segal observes an irony in Penn State University's Paterno Library housing the world's foremost assemblage of utopian materials. The library was named for Penn State head football coach Joe Paterno after he and his wife raised and donated money for a large addition in the 1980s. The utopia collection includes cautionary tales, Segal wrote, about failed top-down leadership of otherwise charismatic people who ignored others' immoral behavior. Paterno is accused of covering up sex abuse complaints about former Penn State assistant coach Jerry Sandusky, which compounded the university's current "dystopia," Segal suggested. Contact: George Manlove, (207) 581-3756

News Reports on Lobster Institute's 25th Anniversary

19 Sep 2012

[The Ellsworth American's Fenceviewer website](#) posted an article advancing the University of Maine Lobster Institute's 25th anniversary celebration plans for Friday, Sept. 21 at the Memorial Union. More than 20 poster presentations and displays illustrating the work the institute does will be on display in the atrium by the Bookstore. Contact: George Manlove, (207) 581-3756

Forestry Research Milestone

19 Sep 2012

Robert Wagner, director of UMaine's School of Forestry Resources, is available to discuss the upcoming 50th anniversary of the McIntire-Stennis Cooperative Forestry Act of 1962, which provided the largest investment in forestry research and graduate education in U.S. history. McIntire-Stennis (M-S) has provided base funding for five decades to create and strengthen research and training capacity in forestry at state-supported colleges and universities. U.S. Rep. Mike Michaud of Maine with Rep. Gregg Harper of Mississippi introduced on Wednesday, Sept. 19, a resolution in the House of Representatives to mark the anniversary, which is Oct. 10. The McIntire-Stennis Act was named for Rep. Clifford G. McIntire of Maine and Sen. John C. Stennis of Mississippi, who introduced the act in Congress. The idea for M-S was developed on the UMaine campus around 1960, when then-School of Forestry Director Al Nutting met with McIntire about the low level of support in the U.S. for forestry research compared to support for agriculture research. They developed the idea of a separate source of federal funding for forestry research across the country. Following those meetings, McIntire gained the support of Stennis to be the sponsor in the U.S. Senate. M-S funding provided by the federal government leverages matching funds from the states using a formula. Since the start of the M-S program, UMaine has received \$19.6 million in federal funding and the State of Maine has matched it with another \$82 million for a total investment of more than \$101 million. M-S funding has supported UMaine forestry faculty research since that time, and it is responsible for having produced 447 masters of science and 131 Ph.D. degrees in forestry and wildlife since the start of the program. Contact: Robert Wagner, robert.wagner@maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

WLBZ Posts Interview with President Ferguson

09 Sep 2012

Paul Ferguson was interviewed on WLBZ (Channel 2)'s 207 about his first year as President of the University of Maine.

President Ferguson on OneTable: Higher Education Panel

12 Sep 2012

University of Maine President Paul Ferguson participated in the OneMaine OneTable: Higher Education Panel

discussion. The full panel discussion is available on [OneMaine's website](#).

Maine Campus Interviews President Ferguson

08 Sep 2012

University of Maine President Paul Ferguson was interviewed for a Maine Campus profile article titled, "The man behind the brass nameplate."

UMaine Again Ranked as Among the Best Universities Nationwide

01 Oct 2012

Again this year, the University of Maine has been recognized in multiple national college rankings for its outstanding academics and programs. That consistency in national rankings speaks to UMaine's academic quality, research strength and leadership in higher education, both in Maine and across the country, according to University of Maine President Paul W. Ferguson. "These rankings continue to reflect the excellence of our faculty, staff and students in fulfilling the unique and broad mission of Maine's only land grant research university," he says. "Through diligence, commitment and hard work, the UMaine community consistently meets the educational, research and public outreach needs of our constituencies, and we are gratified to be acknowledged for that effort and quality by these national sources." Highlights of the recent UMaine national ranking citations include: U.S. News & World Report: The most recent ranking in U.S. News & World Report's 2013 edition of Best Colleges placed UMaine as one of the country's best national universities. UMaine is considered by U.S. News & World Report as Maine's only national university, a selective group of only 281 public and private institutions that offer a full range of undergraduate majors, plus master's and Ph.D. programs, and an emphasis on faculty research. UMaine ranked 83rd of all public universities and 156th overall. Several factors are considered by U.S. News & World Report when compiling its "best colleges" rankings, including peer assessment, graduation and retention rates, faculty resources, student selectivity, financial resources and alumni giving. The editors of the Best Colleges list assert that "for families concerned with finding the best academic value for their money, the U.S. News Best Colleges rankings provide an excellent starting point for the college search." The Princeton Review: For the ninth consecutive year, UMaine has been named one of the country's best institutions for undergraduate education by The Princeton Review, which features UMaine in the new 2013 edition of its annual college guide, The Best 377 Colleges. Only about 15 percent of America's 2,500 four-year colleges are profiled in the book, which is The Princeton Review's flagship college guide. It includes detailed profiles of the colleges, with rating scores for all schools in eight categories, plus ranking lists of top 20 schools in the book in 62 categories based on The Princeton Review's surveys of students attending the colleges. In the Princeton survey, UMaine students reported that: "There is a wide range of diversity in thought and belief," and "one of the best aspects of UMaine is the camaraderie that everyone has for each other, and students have many opportunities to meet people in and out of class." Fiske Guide to Colleges: The Fiske profile describes UMaine's honors, engineering and marine sciences programs, faculty/student relationships, low tuition and nationally competitive hockey team. Compiled by former New York Times education editor Edward B. Fiske, the guide is designed to give a selective, subjective and systematic look at 316 colleges and universities in the United States, Canada and Great Britain. "UMaine is a medium-sized school with a small-school atmosphere," according to the guide. "Combine the state's natural beauty with an increased emphasis on top-quality facilities and more intimate student/faculty interaction, and it's no surprise that this campus draws more die-hard 'Maine-iaks' each year," the guide adds. Forbes: The America's Top Colleges ranking also cites UMaine — the only public institution listed in Maine and one of five higher education institutions listed in the state — along with Bowdoin, Bates, Colby and the College of the Atlantic. For the America's Top Colleges list, Forbes evaluated 650 colleges that award undergraduate degrees or certificates requiring four or more years, and focus on students' needs and concerns: quality of teaching, great career prospects, high graduation rates and low levels of debt. Contact: Margaret Nagle, (207) 581-3745

Extension's Armstrong Interviewed for Cranberry Crop Report

19 Sep 2012

[The Ellsworth American's Fenceviewer website](#), Channel 6 (WCSH) and Channel 2 (WLBZ) interviewed University of

Maine Cooperative Extension educator and cranberry specialist Charlie Armstrong for an update on the 2012 cranberry crop. Armstrong said the harvest appears to be an excellent one in spite of some adversarial weather conditions and a three-fold increase in cranberry fruit worms. Contact: George Manlove, (207) 581-3756

Gabe Wind-Energy Jobs, Revenue Projection Reported

19 Sep 2012

[A Bangor Daily News article](#) about jobs and revenue projections that could result from a full-scale offshore, commercial wind farm proposed by Norwegian Statoil North America was based on new research by University of Maine economist Todd Gabe. Gabe estimated that a 500-megawatt offshore wind farm would cost at least \$1.6 billion, but the payback would be \$146.5 million in output, 881 full- and part-time jobs and \$43 million in labor income annually. Adding turbine and wind blade manufacturing facilities to the scenario would boost annual return on investment substantially, Gabe's study found. The university's Advanced Manufacturing and Composites Center has been the primary research and development engine for Statoil's wind turbine architecture. Contact: George Manlove, (207) 581-3756

MPBN Candidate Profile Includes Brewer Analysis

19 Sep 2012

[A Maine Public Broadcasting Network profile](#) of independent U.S. Senate candidate Danny Dalton of Bath included an assessment of the candidate's chances by University of Maine political scientist Mark Brewer, who said that lesser-known office seekers like Dalton are at a disadvantage with regard to name recognition. Contact: George Manlove, (207) 581-3756

Extension's McCarty in Press Herald Food Preservation Column

19 Sep 2012

[A Portland Press Herald gardening column](#) about preserving and freezing fruits and vegetables included advice from University of Maine Cooperative Extension food preservation aide Kate McCarty. McCarty suggested freezing or canning garden produce as jams, jellies, salsas or other tomato-based sauces. Contact: George Manlove, (207) 581-3756

Graduate School Hosting Open House

20 Sep 2012

The [University of Maine Graduate School](#) will hold an open house from 4 p.m. to 6 p.m. on Oct. 17 in Room 57 of Stodder Hall to highlight its graduate and professional degree options. Doctorate degrees are available in 30 areas of study and a master's degree may be earned in more than 75 areas, ranging from the arts, sciences and engineering to professional degrees in the fields of business, education, nursing, communication sciences and disorders, global policy and social work. The event will include refreshments and raffle giveaways. Contact: George Manlove, (207) 581-3756

Huisman Mother Daughter Project Events Planned

20 Sep 2012

University of Maine sociologist Kim Huisman and undergraduate research assistant Elizabeth Joy, who began work during the summer on the Maine Mother Daughter Project to enhance mother-daughter relationships and to foster girls' success, have planned an October conference about the project and will host a film and speaker series at the UMaine Hutchinson Center in Belfast. The first in the series will be held at 7 p.m. on Thursday, Sept. 20, and will feature 14-year-old Julia Bluhm of Waterville, who successfully petitioned Seventeen magazine to stop digitally altering the faces and bodies of women in photographs. Bluhm will discuss her campaign after the showing of a documentary film, "Cover Girl Culture: Awakening the Media Generation." The conference, The Maine Mother Daughter Project: A Conference for Women on Cultivating Strong Bonds with Our Daughters, planned from 5 p.m. to 9:30 p.m. on Oct. 26,

will feature a keynote address by Lyn Mikel Brown, a Colby College education professor and cofounder of Hardy Girls Healthy Women. Contact: George Manlove, (207) 581-3756

Poetry Foundation Announces Millay Award Winner

20 Sep 2012

The University of Maine-based National Poetry Foundation has selected the manuscript "Kavafis at the Café: Poems in search of C. P. Cavafy" by Maine native and UMaine alumnus James Brophy as the winner of the third annual Millay Prize for Poetry. A special [UMaine New Writing Series](#) event celebrating the award will be held at 4:30 p.m. Thursday, Sept. 20, in Soderberg Auditorium in Jenness Hall. Brophy, who received a bachelor's degree in classical languages and literature, a master's degree in English and is now an English Department faculty member, will read from his winning manuscript. Author Martin Corless-Smith, the director of the MFA Program in Creative Writing at Boise State University and this year's external judge for the Millay award, will read from his own work. The Frank and Helene Crohn Edna St. Vincent Millay Prize was established in 2010 by the Crohns of Rhinebeck, N.Y., through a \$300,000 gift to the University of Maine Foundation. Contact: Steve Evans, (207) 581-3818

TV News Covers UMaine 'Flash Concert'

20 Sep 2012

Adele Adkins, associate director of the Collins Center for the Arts (CCA) at the University of Maine was interviewed by channels 5 (WABI), and 2 (WLBZ) for reports on a surprise "flash concert" she organized with New York City's Asphalt Orchestra marching band to draw students' attention to benefits and opportunities for them at the arts center. Band members performed at the Hilltop dining complex and in the Memorial Union Marketplace as a preview for their concert at the CCA later in the day. Contact: George Manlove, (207) 581-3756

Advance on Hispanic Heritage Events

20 Sep 2012

The Weekly, a supplement to the [Bangor Daily News](#), advanced a series of Hispanic heritage appreciation events in September and October, all scheduled from 6:30 p.m. to 7:45 p.m. at the Bangor Public Library. University of Maine engineering graduate student Raul Urbina, a native of Mexico City, will discuss Mexico's role in a global economy on Sept. 27. UMaine anthropology student Elizabeth Detwiler, and UMaine professors Barbara Blazej, Maria Sandweiss and Phyllis Brazee have all traveled to Cuba and will share their experiences in early October. Contact: George Manlove, (207) 581-3756

Newspaper Advances Beekeeper Classes

20 Sep 2012

Foster's [Daily Democrat advanced beekeeping classes](#) being offered by the Maine State Beekeepers Association in conjunction with the York County office of the University of Maine Cooperative Extension starting Oct. 16 in Springvale. The five-week classes are being held on Tuesday evenings. Contact: George Manlove, (207) 581-3756

BDN Carries Historian Column on Utopia

20 Sep 2012

The [Bangor Daily News](#) has published an opinion column by UMaine history professor Howard Segal originally published in the British literary journal The Times Higher Education. Segal observed an irony in Penn State University's Paterno Library housing the world's foremost assemblage of utopian materials. The library was named for Penn State head football coach Joe Paterno after he and his wife raised and donated money for a large addition in the 1980s. The utopia collection includes cautionary tales, Segal wrote, about failed top-down leadership of otherwise charismatic

people who ignored others' immoral behavior. Paterno is accused of covering up sex abuse complaints about a former Penn State assistant coach, which compounded the university's current "dystopia," Segal wrote. Contact: George Manlove, (207) 581-3756

Newspaper Reports on Beer Sales During UMaine Football Games

20 Sep 2012

The [Bangor Daily News interviewed UMaine Vice President](#) for Student Affairs Robert Dana and Athletic Director Steve Abbott about a recent decision to allow vendors to offer beer during home football games in an enclosed beer garden at Alfond Stadium. Neither official expected any problems to result, since very stringent rules will be in effect, they said. Contact: George Manlove, (207) 581-3756

UMaine Extension Educator in Podcast

20 Sep 2012

University of Maine Cooperative Extension educator for 4-H youth Ellie Libby was a recent guest for a WERU radio discussion on teaching children about programs and opportunities for youth to learn about healthy foods, gardening and farming. Contact: George Manlove, (207) 581-3756

Mitchell Lecture on Sustainability Sept. 25

21 Sep 2012

The Senator George J. Mitchell Lecture on Sustainability will take place at 1 p.m. on Tuesday, Sept. 25 in Hauck Auditorium at the University of Maine and will feature Pamela Matson, dean of the School of Earth Sciences and the Goldman Professor of Environmental Science at Stanford University. The title of her presentation is "A Call to Arms for a Transition to Sustainability." Matson's research addresses a range of environment and sustainability issues, including sustainability of agricultural systems; vulnerability of particular people and places to climate change; and the environmental consequences of global change in the nitrogen and carbon cycles. With multidisciplinary teams, she has worked to develop agricultural approaches that reduce environmental impacts while maintaining livelihoods and human well-being. Matson is an elected member of the National Academy of Sciences and the American Academy of Arts and Sciences. She has received a MacArthur Fellowship and directs the Aldo Leopold Leadership Program. Her recent publications include "Seeds of Sustainability: Lessons from the Birthplace of the Green Revolution" and the National Research Council volume titled "Advancing the Science of Climate Change." "In her diverse leadership roles, Professor Matson has pioneered new strategies for linking scientific knowledge with societal action to solve pressing sustainability problems related to food and energy security, forest management and climate change," says David Hart, director of UMaine's Mitchell Center and leader of Maine's Sustainability Solutions Initiative. "We are actively working to build upon her visionary work as we seek to create a brighter economic, social and environmental future for the people of Maine." The event is free and open to the public, although tickets are required and can be obtained by calling (207) 581-3244 or visiting the [Senator George J. Mitchell Center and Maine's Sustainability Solutions Initiative website](#). Contact: George Manlove, (207) 581-3756

Mitchell, Michaud Set to Speak at Democratic Rally

21 Sep 2012

A Democratic Rally for Progress from 10 a.m. to 12:30 p.m. on Tuesday, Sept. 25 at UMaine's Wells Conference Center will include remarks from former U.S. Senate Majority Leader George J. Mitchell, Maine's 2nd District Congressman Mike Michaud, Maine House Democratic Leader Emily Cain and Orono Democratic House candidate Ryan Tipping-Spitz. The event also will include representatives from Mainers United for Marriage, the Penobscot Democratic County Committee, the Maine Democratic Party and the Obama Administration. The event is free and open to the public. Contact: George Manlove, (207) 581-3756

Grad Student Art Exhibit Opening in Rockland Gallery

21 Sep 2012

Asymmetrick Arts in Rockland will open a new exhibition, [“See, Touch, Hear,”](#) Friday, Sept. 21, featuring work by UMaine interdisciplinary Ph.D. candidates John Bell, Richard Corey and Bethany Engstrom, who hold master’s of fine arts degrees from UMaine. The exhibit is scheduled to run through Oct. 19. A public opening reception is scheduled from 5:30 to 8 p.m. on Friday, Sept. 28, and an artists’ talk is slated for 3 p.m. on Friday, Oct. 5. “See, Touch, Hear” explores the possibilities of engaging the senses in art today, according to an artists’ statement. The work is intended to engage viewers in new ways of participating and interacting with work through the use of visuals, audio and tactile experiences. Asymmetrick Arts is located at 405 Main Street in Rockland. For more information, call (207) 594-2020, or email asym.arts@gmail.com. Contact: George Manlove, (207) 581-3756

Geddes Simpson Lecture Oct. 2

21 Sep 2012

The 11th annual Geddes W. Simpson Lecture is scheduled for 3:30 p.m. on Tuesday, Oct. 2 in the Buchanan Alumni House on the UMaine campus. James Rodger Fleming, author and Colby College professor of science, technology and society, will discuss his 2010 book, “Fixing the Sky: The Checkered History of Weather and Climate Control,” which received the 2011 Sally Hacker Prize from the Society for the History of Technology and the Louis J. Battan Author’s Award from the American Meteorological Society. Fleming is a fellow of the American Association for the Advancement of Science and the American Meteorological Society, distinguished lecturer for Sigma Xi, and series editor of Palgrave Studies in the History of Science and Technology. In addition to “Fixing the Sky”, his books include “Meteorology in America, 1800-1870” and “Historical Perspectives on Climate Change.” The Geddes W. Simpson Lecture Series was established in 2001 at the University of Maine Foundation by family and friends in honor of Geddes Simpson, a distinguished researcher and teacher at the University of Maine. The annual lecturer is an individual who has provided significant insight into the intersection of science and history. The event is free and open to the public. Contact: George Manlove, (207) 581-3756

UMaine Named Again to Military Friendly Schools List

21 Sep 2012

G.I. Jobs has again named the University of Maine to its annual list of military-friendly schools, a listing that ranks colleges and universities on services and assistance provided to members or veterans of military service. Designated institutions are defined as those in the top 15 percent of schools nationwide that deliver the best experience for military students. UMaine’s military-friendly attributes, according to G.I. Jobs, are listed on its website. Contact: George Manlove, (207) 581-3756

UMaine Student to Assist in Ethics Laws Revisions

21 Sep 2012

[A Bangor Daily News article](#) about a bipartisan initiative led by Gov. Paul LePage and House Democratic Leader Emily Cain to revise state government ethics, accountability and transparency laws for the next legislative session noted that UMaine Honors College student Shelbe Lane of Patten will research and write omnibus ethics reform legislation as part of her thesis. LePage’s acting legal counsel Michael Cianchette said while that it’s unusual to hand over such a project to a college student, Lane is “an intelligent young Mainer” and up to the challenge. Contact: George Manlove, (207) 581-3756

TV News Reports on UMaine Beer Tent

21 Sep 2012

University of Maine Vice President for Students Robert Dana was quoted in a Channel 6 (WCSH) news report on the decision to allow vendors to sell beer in an enclosed Bavarian garden-style beer tent at Alford Stadium at UMaine home football games. Dana said fans wishing to buy beer will be given bracelets after showing proper age identification. Contact: George Manlove, (207) 581-3756

Media Notes Lobster Institute's 25th Anniversary

21 Sep 2012

[Channel 5 \(WABI\)](#) reported on the activities planned Friday, Sept. 21, at the Memorial Union for the celebration of the 25th anniversary of the UMaine-based Lobster Institute. [The Boston Globe](#) and [the Bangor Daily News](#) websites both carried an Associated Press article about the event. Contact: George Manlove, (207) 581-3756

NYT Poet Profile Cites UMaine's Evans

21 Sep 2012

A recent [New York Times profile](#) of poet and critic Stephen Burt's eclectic work and style included a reference to University of Maine English Department faculty member Steve Evans, who directs the UMaine-based National Poetry Foundation, as being one of the few poetry critics willing to criticize Burt. Evans said Burt tends to be overly praiseworthy of poets he reviews and often is late "putting his seal of approval" on poets who have been influential for years. Contact: George Manlove, (207) 581-3756

UMaine-based Maine EPSCoR "Sustainable Maine" Episodes to Air

24 Sep 2012

Three new episodes in the ["Sustainable Maine" series](#) will premiere beginning on Sept. 27 and in the coming weeks on the Maine Public Broadcasting Network (MPBN). The Season 2 episodes are part of a continuing partnership between Maine EPSCoR at the University of Maine and MPBN. The series takes a look at Maine's involvement in a new branch of scientific inquiry known as "sustainability science," which combines the study of biophysical sciences with social science and economics. Researchers from Maine EPSCoR's Sustainability Solutions Initiative (SSI), which is based at UMaine, are working with communities and stakeholders to produce research knowledge and link it to actions that can help to sustain Maine's changing landscape and preserve its quality of place. Maine EPSCoR and MPBN partnership formed in 2010 to produce 2 to 3 documentaries each year that focus on SSI's research and how it is helping to develop solutions for Maine. The new films include "Saving Our Lakes" at 8:30 p.m. on Sept. 27 and at 1 p.m. on Oct. 7, "Basket Trees" at 8:30 p.m. on Oct. 4 and 1 p.m. on Oct. 21, and "Maine's Vernal Pools" at 8:30 p.m. on Oct. 11 and at 1 p.m. on Oct. 28. For more information or to view these episodes on the web, visit <http://www.mpbn.net/Television/LocalTelevisionPrograms/SustainableMaine.aspx>. Contact: George Manlove, (207) 581-3756

Stancioff, Bisson Present at Phenology Conference

24 Sep 2012

Esperanza Stancioff, climate change educator for the University of Maine Cooperative Extension/Maine Sea Grant, and Beth Bisson, assistant director for outreach and education for Maine Sea Grant, recently presented at the [2012 International Phenology Conference](#) at the University of Wisconsin, Milwaukee. The presentation, "Signs of the Seasons: A Maine Phenology Program — Linking Research, Climate Literacy and Action," explained the collaborative network that works with scientific research professionals to train citizen scientists to record seasonal changes on common plants and animals throughout the state. Partners include UMaine Extension, Maine Sea Grant, Maine Audubon, U.S. Department of Fish and Wildlife, the Schoodic Education and Research Center at Acadia National Park, and the USA National Phenology Network. Contact: George Manlove, (207) 581-3756

Political Scientist Cody in NPR Story

24 Sep 2012

University of Maine political scientist Howard Cody was interviewed by [National Public Radio](#) for a report on whether public referenda weaken legislative authority for elected lawmakers, when laws can be overturned by popular vote. Cody said voters' ability to overrule elected legislators' decisions, particularly on contentious social or economic issues, can "cow" legislators and even the governor, leaving them excessively cautious about raising taxes, for example. Contact: George Manlove, (207) 581-3756

Brewer Comments in Candidate Profiles

24 Sep 2012

University of Maine political scientist Mark Brewer was interviewed for a [Kennebec Journal profile](#) of Republican U.S. House candidate Kevin Raye, currently president of the Maine State Senate, who is challenging incumbent Democratic U.S. House member Mike Michaud for his seat. Brewer said even though Raye is presenting a hearty challenge for Michaud, incumbents usually have an advantage. Brewer also was interviewed for a [Maine Public Broadcasting profile](#) of Libertarian Andrew Ian Dodge of Harpswell, who is running for the U.S. Senate seat being vacated by the retiring Olympia Snowe. Contact: George Manlove, (207) 581-3756

Fried Comments in Early Voting Piece

24 Sep 2012

Comments from University of Maine political scientist Amy Fried were included in a [Bangor Daily News opinion piece](#) about the trend of more Maine voters casting absentee ballots. Fried said early voting gives the advantage to those party organizations that can bank their votes early. Contact: George Manlove, (207) 581-3756

Allan in NPR Hazing Interview

24 Sep 2012

University of Maine College of Education and Human Development professor Elizabeth Allan was interviewed for [National Public Radio report](#) on a hazing town hall meeting at Florida A&M University, where a student died after a hazing incident last year. Allan, a leading national researcher on the topic of hazing and member of a select Texas A&M committee on the subject and conference panelist, said students often don't recognize hazing when it occurs in a form other than physical abuse. Contact: George Manlove, (207) 581-3756

Extension Experts' Comments in Charitable Gardening Report

24 Sep 2012

University of Maine Cooperative Extension educators and garden specialists Barbara Murphy and Diana Hibbard were interviewed for a Portland-area KeepMECurrent news report on community gardens and UMaine Extension's Harvest for Hunger program, which generated more than 293,000 pounds of produce for soup kitchens, homeless shelters and individuals last year. Contact: George Manlove, (207) 581-3756

UMaine Traffic Research Cited in Blog

25 Sep 2012

UMaine research about traffic hazards at traditional intersections compared to roundabouts was cited in a blog post on the Kentucky community news website KyForward. The blog post noted research established the risk of fatal or incapacitating injury in collisions that occur in roundabouts is substantially diminished, and also that traffic delays also

are reduced in circular intersections. Contact: George Manlove, (207) 581-3756

Michaud Praises USDA in Report on UMaine Potato Grant

25 Sep 2012

U.S. Rep. Mike Michaud praised the U.S. Department of Agriculture for awarding the University of Maine a \$249,600 grant to continue potato breeding and variety development, according to an [article in the St. John Valley Times](#). The project will work to develop processing plants to address the unique needs of the New England region. Contact: George Manlove, (207) 581-3756

Margaret Chase Smith Policy Center to Honor Maine Chamber President Connors

26 Sep 2012

The Margaret Chase Smith Policy Center at the University of Maine will honor Dana Connors, president of the Maine State Chamber of Commerce, as a Distinguished Maine Policy Fellow on Thursday, Sept. 27. At 2 p.m., Connors will lead a seminar, "The Role of a State Chamber in Economic Development: Examples from Maine," in the Bangor Room of the Memorial Union. The Margaret Chase Smith Policy Center Distinguished Maine Policy Fellows Program brings distinguished Maine policy leaders to campus to share their expertise and experience with the University of Maine community. Distinguished Maine Policy Fellows are individuals with a past or current career as a policymaker in the state. Since 1994, Connors has served as president of the Maine State Chamber of Commerce, the state's most respected and influential business advocacy organization, representing more than 5,000 small and large businesses statewide. Prior to joining the Maine State Chamber, Connors served as commissioner of the Maine Department of Transportation and city manager of Presque Isle. Connors is a native of Easton and a UMaine alumnus who received a bachelor's degree in public management. Contact: Mary Cathcart, (207) 944-1411; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Intermedia MFA Visiting Lectures Begin Oct. 2

26 Sep 2012

The University of Maine Intermedia MFA Program is presenting the first event in its Fall Visiting Lecture Series on Tuesday, Oct. 2. All of the presentations begin at 7 p.m. in Lord Hall and are free and open to the public. On Oct. 2, Jae Rhim Lee, a research fellow in the MIT Program in Art, Culture and Technology, and a visual artist, designer and researcher whose work proposes unorthodox relationships between the mind/body/self and the built and natural environment, will begin the program. More information about the artist is available at the [ZeroZoneZero Studio website](#). The events are cosponsored by the UMaine Intermedia MFA Program, the Department of New Media, the University of Maine Cultural Affairs/Distinguished Lecture Series, Skowhegan School of Painting and Sculpture, Alston D. and Ada Lee Correll Professorships in Education, Engineering and New Media, and the University of Maine President's Office. Subsequent lectures will be: Oct. 11, [Ali Momeni](#) uses various manners of technology to explore the social lives of objects and their embedded performative qualities. The result of his research ranges from kinetic sculptures and sound installations to urban interventions and music-theater performance. Oct. 23, [Siebren Versteeg](#) creates multimedia installations that employ computer programs that mine the Internet for images and then applies them to manipulated algorithms that guide the flow of information to create artwork that engage both choice and chance. Nov. 13, Robert Saunders creates work that achieves the effects of verbal communication through the use of intersecting or non-intersecting lines embellished with bold color and artistic abstraction. Nov. 27, [Tristan Perich](#) couples 1-bit electronics with traditional forms in both music and visual art. His research is inspired by the aesthetic simplicity of math, physics and code. Dec. 4, [Joanna Malinowska](#) works with video, performance and sculpture-based projects inspired by the intersection of anthropology and art history. Contact: Bethany Engstrom, bethany.engstrom@umit.maine.edu

UMaine Extension Specialists Interviewed About Fruit Fly

26 Sep 2012

David Handley and Jim Dill of University of Maine Cooperative Extension were interviewed for a [Lewiston Sun Journal article](#) about the spotted wing drosophila, a fruit fly that has Maine's blueberry growers worried because it attacks ripening and not just rotten fruit. Handley, a vegetable and small fruit specialist based at UMaine Extension's Highmoor Farm in Monmouth, said the fly could have huge impacts on the wild blueberry industry. Dill, a pest management specialist, described his efforts to trap the flies and his plans next year to research ways to stop the flies. A number of other Maine and regional media outlets, including the Boston Globe website ran an Associated Press version of the story. Contact: Jessica Bloch, (207) 581-3777

Political Scientist Comments on House Campaign Advertising

26 Sep 2012

Comments from University of Maine political scientist Mark Brewer were included in a [Central Maine Morning Sentinel story](#) about how national party officials' lack of advertising on behalf of Republican House of Representatives candidate Kevin Raye could indicate that Democratic candidate Mike Michaud is out of reach of Raye. Brewer said party officials were enthusiastic at the outset of the campaign, but they haven't put any money into him. Contact: Jessica Bloch, (207) 581-3777

Media Coverage of Mitchell Visit, Democrats' Rally

26 Sep 2012

[The Bangor Daily News](#) interviewed former U.S. Senate Majority Leader George Mitchell, who was on the UMaine campus Tuesday for the annual Mitchell Lecture on Sustainability and also to appear at a rally hosted by the UMaine Democrats student group. Acknowledging that politics has always been rough and tumble, Mitchell also bemoaned the bitterness that characterizes so much of today's campaigns. Channel 5 (WABI) aired a report on the rally, at which Mitchell and U.S. Rep. Mike Michaud spoke. Michaud said jobs and the economy are a major concern for college students, especially those who are about to graduate and enter the workforce. Contact: George Manlove, (207) 581-3756

South Dakota Publication Advances Composting Seminar

26 Sep 2012

[An article in the South Dakota Tri-State Neighbor](#) agricultural news publication advanced an Oct. 1 composting demonstration and seminar being led by University of Maine Cooperative Extension educator and composting expert Mark Hutchinson. The presentation in Brookings, S.D., will include using composting as a way to dispose of animal mortalities. Contact: George Manlove, (207) 581-3756

Newspaper Features Food Science Program Growth

26 Sep 2012

Several University of Maine Department of Food Science and Human Nutrition faculty members and students were interviewed for a [Portland Press Herald article](#) about the popularity of UMaine's food science and nutrition programs, in which enrollment has been growing at a time when numbers are down in other disciplines. Graduate student Brianna Hughes said one reason is the active research the department engages in to aid private sector entities. Food science professor Mary Ellen Camire said many students want to be proactive about promoting health as opposed to treating disease. Jimmy Jung, vice president for enrollment management, who also was interviewed, said the department has 190 undergraduates and 40 graduate students this year, up substantially from the previous two years. Contact: George Manlove, (207) 581-3756

Emergency Communications System Test Sept. 27

26 Sep 2012

The University of Maine will conduct a full-scale emergency communications system test on Thursday, Sept. 27. Outdoor sirens, which represent an integral part of the system, will sound for several minutes shortly after 2:15 p.m. Those sirens are audible throughout the UMaine campus and, under certain conditions, in parts of the surrounding communities. UMaine created a multifaceted emergency communications system in 2007. It allows UMaine safety and communications professionals to quickly notify the community during emergency situations by using several mechanisms to communicate vital information. When the system is activated, several notifications occur in quick order:

- a posting on the university's primary web page and several other UMaine pages
- a telephone recording at 581-INFO
- a posting on First Class, the university's email and online conferencing system
- a message on the UMaine News Facebook page and Twitter feed
- a text message sent to those who have subscribed to [UMaine's umaine.txt system](#)

After those messages are created and delivered, police personnel will sound the sirens. In the UMaine system, the siren is a signal that people on campus should seek information through the Web, telephone, text message, social media or First Class. Members of the UMaine community who have not yet subscribed to the [umaine.txt text messaging system](#) are encouraged to do so as soon as possible. Contact: Margaret Nagle, [\(207\) 581-3745](tel:(207)581-3745)

Microsoft Developer Offering Presentations

27 Sep 2012

Edwin Guarin, a senior academic developer evangelist for Microsoft in New England will be on the UMaine campus Friday for a variety of presentations. All presentations will be held in Neville Hall, room 120 (room changes due to high attendance will be posted on the door of 120 Neville). Guarin will offer from 1 p.m. to 2 p.m. a faculty workshop on Microsoft resources for the classroom, which will describe pre-built curriculum materials. From 2 p.m. to 3 p.m. he will give an Imagine Cup workshop. The Imagine Cup is a Microsoft initiative that supports students who potentially create start-ups based on building an innovative product or app. Examples can include topics such as transforming online shopping, experiencing music in a new way, doing something amazing with GPS or making an app that could change lives. The products would be entered into a worldwide student competition. For more information, go to imaginecup.com. Guarin will hold a mini workshop from 3 p.m. to 4 p.m. on building a Windows 8 game or app with descriptions of the different options available for building games. He will also offer free developer accounts so attendees can publish in the Windows store at no cost (a \$99 value). Guarin will close out the day with a Windows 8 install fest from 4 p.m. to 6 p.m. Contact: Jessica Bloch, (207) 581-3777

Markowsky Golden Ratio Analysis in New York Times Blog

27 Sep 2012

A 1992 analysis of the golden ratio written by UMaine professor of computer science George Markowsky was referenced in a [New York Times blog post](#). The blog, about the legendary geometry concept, noted that Markowsky's "Misconceptions about the Golden Ratio" analysis, which appeared in The College Mathematics Journal, is an early trenchant analysis of the oft-repeated claims about the ratio. Contact: Jessica Bloch, (207) 581-3777

Hazing Research Noted in Christian Science Monitor

27 Sep 2012

A 2008 University of Maine study about hazing among post-secondary students was noted in a [Christian Science Monitor report](#) about a hazing incident involving a California high school soccer team. The report cited statistics from the study that 47 percent of students surveyed had experienced hazing before coming to college and 55 percent of students involved in college clubs, teams and organizations experience hazing. [Inside Vandy](#), the student newspaper covering Vanderbilt University, also mentioned the research in a story about the school's women's tennis and lacrosse teams. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension in Fruit Fly Reports

27 Sep 2012

[Mainebiz](#) magazine and South Portland radio station WGAN posted on their websites a report about the spotted wing drosophila fruit fly and noted University of Maine Cooperative Extension's research into the relatively new-to-Maine pest. UMaine Extension experts are collecting the fly, which attacks soft fruit such as blueberries, for research purposes. Contact: Jessica Bloch, (207) 581-3777

Franco-American Centre Research in Newspaper Story

27 Sep 2012

Tony Brinkley, a UMaine English professor and senior faculty associate of UMaine's Franco-American Centre, was part of a study that found Franco-Americans earn less, have less education and are younger than their non-Franco counterparts in Maine, according to a story in the [Bangor Daily News](#). Brinkley and a colleague from Bowdoin College conducted a survey of 600 Franco-Americans in Maine and presented the poll data this week at the State House in Augusta. Contact: Jessica Bloch, (207) 581-3777

Media Coverage of UMaine Balloon Launch

28 Sep 2012

University of Maine professor of electrical and computer engineering Rick Eason was interviewed as part of coverage by Channel 5 (WABI), the [Bangor Daily News](#) and Channel 2 (WLBZ) of a hands-on science experiment at Bangor High School, where students launched Thursday a high-altitude scientific balloon. Loaded with a GPS tracking system and sensors to record temperature, carbon dioxide and ultraviolet radiation, in addition to a camera, the balloon later parachuted back to Earth. The lesson was part of the high school's STEM (Science, Technology, Engineering, Mathematics) Program. Contact: Jessica Bloch, (207) 581-3777

Bayer Comments in Story About Rare Lobster

28 Sep 2012

Robert Bayer, director of UMaine's Lobster Institute, was interviewed for a [story in the coastal Free Press newspaper](#) about a half yellow and half blue lobster recently caught off North Haven in the Gulf of Maine. Bayer said such oddly colored lobsters are extraordinarily rare and often hermaphroditic. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension Specialist in Fruit Fly TV Report

28 Sep 2012

David Handley, a University of Maine Cooperative Extension educator and vegetable and small fruit specialist, was interviewed for Channel 2 (WLBZ) report on the spotted wing drosophila, a fruit fly that has Maine's blueberry growers worried because it attacks ripening and not just rotten fruit. Handley, who is based at UMaine Extension's Highmoor Farm in Monmouth, said the fly could have huge impacts on the wild blueberry industry. A raspberry grower interviewed for the report said the fly also is threatening his crops. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension Researching Market Potential of Antioxidant-Rich Aronia Berry

01 Oct 2012

A small, tart black chokeberry common in the Midwest and Northeast United States that has been recognized for its high levels of antioxidants and nutraceutical properties could become a promising new niche crop for Maine farmers as the result of work by a University of Maine agricultural researcher and colleagues. University of Maine Cooperative

Extension ornamental horticulturist Lois Berg Stack and colleagues at the University of Connecticut are in the second year of a three-year, U.S. Department of Agriculture-funded project to enhance production, growth and processing of the aronia berry. The researchers have been introducing the aronia berry to small farms in New England, including a trial garden at Western Maine Nurseries in Fryeburg, Maine, as a potential new cash crop. Stack says other farmers also are considering cultivating aronia berries and some already are experimenting with a few plants for evaluation. Stack says the *Aronia melanocarpa* has almost four times the capacity to neutralize cell-damaging free radicals as wild blueberries and almost three times that of the Central and South American acai berry, one of the latest superfruits on the market. Compared with antioxidant-rich blueberries, cranberries, pomegranate and acai, Stack adds, the aronia berry “blows them out of the water with antioxidants.” A cold-hardy ornamental bush with a sour fruit, the aronia berry is easy to grow and has few natural pests. With sweeteners added, the berries can be made into nutritional juice drinks, jams and jellies, or consumed in pill form, according to Stack, who is also a UMaine professor of sustainable agriculture. The aronia berry also can be used as a dye because it is high in anthocyanins, a color pigment. Stack is organizing public outreach efforts to raise awareness about the potential of the berry as a new crop. UConn professor of horticulture Mark Brand is identifying naturally occurring black chokeberries from a variety of states hoping to establish a breeding program to enhance aronia productivity and increase its antioxidant levels. In August, Stack and Brand discussed aronia berries and their market potential with prospective growers during agricultural field days in Connecticut and in Monmouth, Maine. “We think the people who might succeed are smaller pick-your-own farms or farms that have more of a community,” says Stack. Funding for the research and a public awareness campaign comes from a \$150,000 Northeast Sustainable Agriculture Research and Education (SARE) grant to UConn. UMaine received about \$25,000 for its educational role. Stack says inroads already made with local farmers willing to cultivate chokeberries are expected to result in growth of the aronia berry harvest next year. Researchers also are working to establish best planting and management practices, calculating the market potential of an aronia berry crop, and determining ways to process and sell aronia berry products. For more information about UMaine Extension’s aronia berry project, go to umaine.edu/agriculture/home/aronia. Contact: George Manlove, (207) 581-3756

Mapping the Empire

01 Oct 2012

Rolled up and tucked away in a corner of the British Library in London sits a hand-drawn map of the Maine coast, created in the years just before the American Revolution. At a scale of two miles to the inch, it is an extremely detailed rendering of the intricate coastline from Cape Elizabeth to the St. John River. It’s big — 10 feet long or more when fully unfurled on a map table. “It’s breathtaking to see,” says Stephen Hornsby, a professor of geography and Canadian studies at the University of Maine and the director of UMaine’s Canadian-American Center. “Absolutely magnificent. It’s part of the heritage of the state, but it’s in London. It’s unknown in Maine.” The Maine map is one in a series drawn from the first major survey of England’s holdings in North America. The General Survey of the Northern District and the Survey of Nova Scotia, conducted between 1764–75 by two Army officers, Samuel Holland and Joseph Frederick Wallet Des Barres, have been largely overlooked, despite their influence on the British government’s approach to surveying and on subsequent surveys done throughout the expanding empire. Hornsby first became aware of the survey as a graduate student conducting research on Cape Breton Island and continued to find references to a major survey of British America as time went on. He noticed the distinct grid lines on Prince Edward Island, and how the roads and lot boundaries followed them. He also noticed what seemed to be a peculiar pattern of place names. “I had questions that accumulated over the years and lay in the back of my mind,” he says. To answer those questions, Hornsby began to research the survey — a five-year project that culminated last year in the publication of *Surveyors of Empire: Samuel Holland, J.W.F. Des Barres and the Making of the Atlantic Neptune*. The book has received favorable critical reviews and has earned Hornsby two awards: Publication of the Year by The Prince Edward Island Museum and Heritage Foundation, and the John Lyman Book Award for Science and Technology by the North American Society for Oceanic History. Through his research, Hornsby discovered the most ambitious survey of that century. It was the first scientifically based survey of British America from Labrador to the Gulf of Mexico, which led to the publication of *The Atlantic Neptune*, a four-volume atlas containing maps and charts of that enormous area. The survey set the standard for mapping Britain’s expanding empire and established a practice of using the science of those surveys, backed by its formidable military force, to govern. “The British surveys of North America were not simply interesting examples of the entwining of Enlightenment science and military power in the late 18th century, but directly influenced British understanding of specific parts of the globe and helped shape government policy at a critically important juncture,”

Hornsby notes in his book. **Victory over France** in the Seven Years War established Britain as the global military and scientific superpower. Scientific developments made it possible to fix latitude and longitude at sea, and established the Greenwich Meridian as the Prime Meridian, further aiding more precise and coordinated mapping. And Britain needed maps. According to Hornsby, Britain was ill-prepared to govern the vast territory it now controlled. In addition to Canada, which it had captured from France in the war, Britain also gained Florida and territories along the Gulf of Mexico from Spain. England now controlled all land in North America from the Arctic to the Gulf of Mexico and from the Eastern Seaboard to the Mississippi River. Fishermen, explorers and settlers had been sailing in the North Atlantic for centuries, but according to Hornsby, their maps and charts were vague and lacked the detail that Britain needed to help govern the American colonies, as well as those newly acquired lands. The government had a plan to settle the lands both in the north and south of the existing colonies in America. Parliament in 1763 issued a proclamation prohibiting further settlements beyond the Appalachian Mountains, and planned to funnel prospective settlers north into Maine and the Canadian provinces, and south toward Florida and Georgia. To settle those areas, the British government proposed a General Survey of two districts: southern, from the Potomac River to Florida and into the gulf; and northern, from the Potomac to Labrador. Enter Holland and Des Barres. The two Army officers, both engineers with surveying experience, were assigned to handle the survey in the northern district. Holland had worked on surveys along the St. Lawrence River at the end of the Seven Years War. He had been named surveyor general for Quebec and when the General Survey was planned, was also named by the British Board of Trade as surveyor general for the General Survey of the Northern District. Des Barres got his marching orders from the Admiralty and was named surveyor general for the Survey of Nova Scotia. The two men faced problems with logistics, weather, geography and communication as they worked on the surveys. Although the French had settled areas along the St. Lawrence River and there were some settlements in Nova Scotia, much of the newly acquired Canadian territory was unsettled wilderness. Des Barres established his headquarters in Halifax. Holland, however, was forced to move his base of operation annually as the survey moved from Canada to the American colonies. Both men were assigned ships and a captain to aid them in their surveys. Des Barres was assigned to work with Lt. John Knight, while Holland was paired with Lt. Henry Mowat. Knight, a good naval officer, and Des Barres produced a very good hydrographic survey, particularly of Nova Scotia, says Hornsby. Holland fared differently. Mowat was often “off chasing smugglers,” a more financially profitable endeavor. Holland repeatedly bemoaned the lack of accurate soundings on the maps he produced. **The survey itself** took much longer than anticipated. With Des Barres working in Nova Scotia, Holland focused his teams initially on the Gulf of St. Lawrence, St. John’s Island (now Prince Edward Island), Cape Breton Island and Newfoundland. It was in Newfoundland where Capt. James Cook cut his surveying teeth and gained the experience that earned him renown in the South Pacific. Though Cook’s exploits in the South Pacific overshadowed Holland’s accomplishments with the General Survey, Hornsby says, Cook considered him a mentor and once remarked that everything he knew about surveying he’d learned from Holland. That first phase of surveying in Canada took five years — the time Holland had estimated for the entire survey. Holland was still at work on the surveys in the colonies when the outbreak of the American Revolution in 1775 forced him to leave New York, the southernmost point he had reached. Although the survey failed to stretch to the Potomac, the surveying parties led by Holland and Des Barres mapped about 15,000 miles of British North America from Labrador to New York. The teams used what might seem like very basic survey tools and methods today. Flagmen set points and compasses were used to take bearings using triangulation to determine distances. Graduated chains were used to measure distances, one chain length at a time. Chronometers and quadrants established latitude and longitude. Although the maps and charts contained some omissions and errors, they are surprisingly accurate — precise enough that UMaine geologists have used them to locate a 1760s Gulf of Maine shoreline and figure out the rise in sea levels since then, Hornsby says. **At the end of the American Revolution**, Holland returned to Quebec to serve as surveyor general. In that role, he conducted and oversaw the survey of British lands to the west of Quebec toward Lake Ontario and Niagara, in preparation for the British loyalists, displaced from their homes in the colonies and seeking to relocate in that region. Des Barres had remained in London during the early years of the war, promoting the publication of *The Atlantic Neptune*. Hornsby says Des Barres knew the value of the manuscript maps he possessed and was determined to publish them himself to gain both credit and what he hoped would be considerable profit. In early summer 1775, he was busy engraving and printing maps and charts based on the *Neptune* to get them in the hands of the Admiralty and on British war ships sailing to America that fall. “They were very helpful for the navy during the early years of the war,” Hornsby says. “But the great irony of the project is that while the British had maps and charts based on the coastal surveys, the war, to a great extent, was fought on land. And the British did not have good maps of their 13 colonies.” Interior maps of the colonies might have made a difference in the conduct and the outcome of the war, according to Hornsby. However, Britain learned from the experience of the General Survey and put that knowledge to good use after the war. “By the early 1800s, Britain realized that they needed a naval mapping office,” Hornsby says. “The General

Survey was accomplished in a rather ad hoc manner; it was all done by different parts of the government. That's not a very efficient way of operating. The experience and the problems and difficulties led to the Admiralty creating the Admiralty Hydrographic Office." It was the hydrographic office that would create the British Admiralty charts that covered most of the globe's waters and remained the gold standard for mariners throughout the 19th and into the 20th century, Hornsby says. But it was Holland and Des Barres who set the standards for those imperial surveys on land and on water — scientific, coordinated surveys of an empire on which the sun never set — from London to India, Australia, Africa and Atlantic Canada. The two surveyors provided Britain with the tools and methods to delineate its empire and define much of the world we know today.

Winter Weatherization

01 Oct 2012

[Click here to view "Winter Weatherization" video on YouTube](#)

Tart Treat

01 Oct 2012

[Click here to view "Tart Treat" video on YouTube](#)

Engineering EXPO to be Held in Cloke Plaza

01 Oct 2012

The 2nd Engineering Group EXPO, which will provide an opportunity for first-year and other students in the [University of Maine College of Engineering](#) to meet representatives from 16 engineering clubs, societies or teams at UMaine, will be held from 2 p.m. to 4 p.m. Monday in the University of Maine's Cloke Plaza. The event includes a group activity that requires new students to interact with others and learn about groups they otherwise might not know about. All of the engineering groups are looking for new members. More than 300 first-year students in the College of Engineering are expected to attend. In case of rain, the event will be held in Crosby Lab and in the lobby of the UMaine Engineering Science Research Building (ESRB) at Barrows Hall. Contact: Victoria Blanchette, (207) 581-2204

Place-Kicker a National Football Foundation Award Semi-Finalist

01 Oct 2012

University of Maine football standout [Brian Harvey](#) has been named a semi-finalist for the National Football Foundation's William V. Campbell Trophy, given to college football's best scholar-athlete, and also was named a candidate for the organization's National Scholar-Athlete Awards. A senior place-kicker from Wayland, Mass., Harvey's 39-yard field goal in overtime beat New Hampshire in 2010 while a 34-yard field goal he made last year with less than a minute remaining at James Madison put the game into overtime. Harvey received his degree with a double major in marketing and management from UMaine in May and is currently pursuing a master's degree in business administration. He is a silver medallion Maine Scholar-Athlete Award winner and was named to the CAA Football All-Academic Team last season. Contact: George Manlove, (207) 581-3756

Energy Expert in Radio Report on Natural Gas Demand

01 Oct 2012

[A Maine Public Broadcasting Radio report](#) on the increasing demand for natural gas included comments from Richard Hill, a UMaine professor emeritus of engineering. Hill said one of the reasons people have a long wait for natural gas hookups is that the construction of highways has led to a more spread-out, rather than cluster-based, lifestyle. It will make natural gas delivery particularly hard for rural areas such as northern Maine, Hill added, where people generally do not live in clusters. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension's Rebar in County News Report on Programs

01 Oct 2012

University of Maine Cooperative Extension Director John Rebar was interviewed by Channel 8 (WAGM) in Aroostook County about several UMaine Extension programs that help Maine's agricultural economies, including the Maine Food System and 4-H Youth development programs. Rebar said UMaine Extension also will hire a new soil scientist for the Presque Isle office to work with potato growers. Contact: George Manlove, (207) 581-3756

Cranberry Expert Interviewed About Impact of Climate Change on Harvest

01 Oct 2012

University of Maine Cooperative Extension educator and cranberry specialist Charlie Armstrong said in an article in the [Maine Sunday Telegram](#) warm weather resulting from climate change could be behind this year's successful cranberry harvest in Maine. Armstrong also said crops like peaches, typically better suited for warmer, southern climates, could become more common in the north if temperatures continue to rise, even by a few degrees. Contact: George Manlove, (207) 581-3756

UMaine Veterinarian Comments in Story on Parasites and Moose Mortality

01 Oct 2012

[A Bangor Daily News article](#) on parasites threatening Maine's moose population included comments from University of Maine Cooperative Extension veterinarian Anne Lichtenwalner and several UMaine students who have been researching the effects of moose lungworm on moose mortality. UMaine student Jana Drury, postdoctoral research Sarah Barker and recent UMaine graduate and research assistant Darryl Ann Girardin discussed their research using DNA analysis to determine whether certain lungworm species are new to moose or common. Lichtenwalner, who directs the UMaine Animal Health Laboratory, said it's important to know if an animal is hosting a new type of parasite, which suggests parasites are adapting to a new food source. Contact: George Manlove, (207) 581-3756

Bayer in AP Report on Lobster Academy

01 Oct 2012

Comments from Robert Bayer, director of the University of Maine-based Lobster Institute, appeared in an Associated Press story on the [Boston Globe website](#), in advance of this week's four-day Lobster Academy in New Brunswick. Representatives from supermarket chains, restaurants, cruise ships and other companies that buy lobsters are expected to attend. Contact: George Manlove, (207) 581-3756

James Stephen Bost: 1923–2012

02 Oct 2012

James Stephen Bost, longtime professor of speech and director of theater at the University of Maine, died Sept. 28, 2012, at his home in Santa Fe, N.M., according to his obituary in the Bangor Daily News. Born in Greenville, Ill., Bost moved to Maine in 1961 and taught for 26 years at UMaine, where he introduced his students to works ranging from Shakespeare and Chekov to Eugene O'Neill and Arthur Miller. He is survived by his children and grandchildren. Bost was predeceased by his wife and sister. In lieu of flowers, donations may be made to a charity of choice.

UMaine Fall Harvest Pumpkin, Apple Sale Oct. 11

02 Oct 2012

Staff from UMaine's Highmoor Farm in Monmouth will be on the Orono campus again this fall to sell high-quality apples and pumpkins. The sale is from 10 a.m. to 4 p.m. on Thursday, Oct. 11 by the Cyrus Pavilion Theatre. Apple prices are \$2 a pound and \$3 per pound for organic; pumpkins are \$3, \$5 and \$8 for small, medium or large sizes. More information is posted as a blog on the University of Maine Cooperative Extension website. Contact: George Manlove, (207) 581-3756

Graduate Student Wins Video Competition

02 Oct 2012

Bess Koffman, a University of Maine Ph.D. student who works with Karl Kreutz, a UMaine professor in the School of Earth and Climate Sciences and the Climate Change Institute, recently won the "Lights, Camera, Science" student video contest sponsored by the American Geophysical Union. Koffman and Thomas Bauska of Oregon State, who made the 4 minute, 24 second film, won free registration to the 2012 AGU fall meeting in San Francisco. Entries were posted on AGU's YouTube page. Koffman's video about snowpit sampling in west Antarctica, had 91 "likes," the most of the three semifinalists. Snowpit studies, according to the description of the video, provide a vital link between the modern atmosphere and the climate history reconstructed from ice cores. The video documents one of the types of measurements made in snowpits and explains how snow sampling informs ice core studies. For more information about the contest go to <http://membership.agu.org/students/student-video-contest>. Contact: Jessica Bloch, (207) 581-3777

Blackstone Interviewed for MSN Today 'Moms' Article

02 Oct 2012

An article on the [MSN Today Moms Website](#) discussing whether a "mom gene," or a genetic link to nurturing traits and behavior, exists in mice included comments from University of Maine sociologist and department chair Amy Blackstone, who said evidence supporting such a gene in mice might send a negative message to women who choose not to have children. Given the social pressure on women to have children, Blackstone said, finding a genetic link to "good mom traits" could make women who don't believe they have the characteristic feel "even more marginalized." Contact: George Manlove, (207) 581-3756

UMaine-Led Hazing Study Cited in Alaska Newspaper

02 Oct 2012

[An article in the Alaska Dispatch](#), originally published in the Christian Science Monitor, about hazing at secondary schools and universities becoming more frequent and more harmful than traditional pranks cited a 2008 study led by University of Maine researchers Elizabeth Allan and Mary Madden on behalf of the National Collaborative for Hazing Research and Prevention. The researchers found through a survey of more than 11,000 students that 47 percent reported experiencing a form of hazing or ritualized initiation behavior ranging from embarrassment and humiliation to sexual abuse or criminal conduct. Contact: George Manlove, (207) 581-3756

Seacoast Online Advances Organization Skills Workshops

02 Oct 2012

[The Seacoast Online newspaper](#) posted an article about a joint program of the Community Wellness Coalition in southern York County with University of Maine and University of New Hampshire Cooperative Extension services to offer a series of training workshops designed to help community group members become more effective advocates. The training includes skills and concepts on thinking and learning styles and how they affect a group; communication skills; facilitation skills; planning effective meetings; and effective outreach. [The Community Wellness Coalition website](#) has additional information about scheduling, registration, fees, partners and workshop locations. Contact: George Manlove, (207) 581-3756

American Journalism Review Features Boomer Reporting Project

02 Oct 2012

The American Journalism Review has [published a story](#) about a new citizen journalism reporting program being overseen by the University of Maine Center on Aging to teach baby boomers journalism skills so they can report and blog about their community activities. Professional photographer Bill Kuykendall, a UMaine senior lecturer in new media and cooperating professor of communication and journalism, is serving as the project workshop director for the Maine Boomer Reporting Corps program. He said the program gives aging Mainers an opportunity to apply their knowledge of the environment, international relations, economy and other important issues to a novel method of bringing knowledge and perspective to the public realm. Contact: George Manlove, (207) 581-3756

New Media Professor Noted in Article on Portland Event

02 Oct 2012

Owen Smith, director of UMaine's Intermedia MFA program, was noted in a [Maine Sunday Telegram article](#) about Portland Ovation's season-opening event, "Voyeur," a new media blend of visual and performance art based on paintings by Edward Hopper and premiering Oct. 5-6 at the Institute for Contemporary Art at the Maine College of Art in Portland. Smith will be part of an intermedia panel discussion on Oct. 6 from 4 p.m. to 5:30 p.m. Contact: George Manlove, (207) 581-3756

Channel 7 Covers Scientific Balloon Launch

02 Oct 2012

Channel 7 (WVII) joined a number of other area news organizations in covering the launch Sept. 27 of a high-altitude scientific balloon as part of the hands-on STEM (Science, Technology, Engineering, Mathematics) program at Bangor High School through UMaine. Professor of electrical and computer engineering Rick Eason was interviewed for the report. Students loaded the balloon with a GPS tracking system and sensors to record environmental conditions, in addition to a camera. The balloon parachuted back to Earth after reaching an altitude of about 100,000 feet. Contact: George Manlove, (207) 581-3756

Armstrong Comments in Cranberry Crop Article

02 Oct 2012

University of Maine Cooperative Extension educator and cranberry specialist Charlie Armstrong was interviewed for a [Bangor Daily News article](#) on the 2012 cranberry harvest. Armstrong said growers expect the yield to exceed 2.5 million pounds, just shy of the 3 million-pound record set in 2010. He credited good weather and a mild winter for improved growing conditions. Contact: George Manlove, (207) 51-3756

Bloomberg Businessweek Notes Lobster Academy Plans

02 Oct 2012

[Bloomberg Businessweek](#) has posted an Associated Press article about this week's Lobster Academy, a four-day conference co-organized by Robert Bayer, director of the UMaine-based Lobster Institute. The conference for lobster industry buyers and retailers is being held this year in New Brunswick, and was formerly called the University of Maine Lobster Institute's Lobster College. Contact: George Manlove, (207) 581-3756

Engineering Expo on Evening News

02 Oct 2012

Channel 5 (WABI) reported on the UMaine College of Engineering's Engineering Group Expo, an event held Monday

designed to introduce first-year engineering students to clubs, societies and projects ongoing in the college. College of Engineering Dean Dana Humphrey said in an interview that faculty members hope students take advantage of the opportunities available through the various associations. Contact: George Manlove, (207) 581-3756

Free Films Offered in Tribute to John Cage

03 Oct 2012

The University of Maine Intermedia MFA program will present A Tribute to John Cage, free film screenings dedicated to the music and creative legacy of American composer John Cage. The screenings are scheduled at 7 p.m. in 100 Lord Hall in October and November. The film series is part of an international celebration of the centennial of the birth of John Cage, considered one of the most influential and controversial artists of the 20th century. The films include the documentaries "I Have Nothing to Say and I Am Saying It," directed by Allan Miller and scheduled for Tuesday, Oct. 16; "John Cage: A Music Circus," composed of performances and conversations about the artist on Tuesday, Oct. 30; and the composed film directed by Henning Lohner, "The Revenge of the Dead Indians: In Memoriam John Cage," on Thursday, Nov. 15. The events are free and open to the public. Contact: Bethany Engstrom, bethany.engstrom@maine.edu

UMaine Extension Marks Month of 4-H Youth Science Activities

03 Oct 2012

University of Maine Cooperative Extension will celebrate the fifth annual 4-H National Youth Science Days (NYSD) in October and November with a series of events designed to spark youth interest in science and future science careers. As part of 4-H NYSD, youngsters will participate in the 4-H Eco-Bot Challenge, a 2012 National Science Experiment in which youngsters explore how robots function and could be used to help clean up hazardous materials spills. The goal of the program is to demonstrate that by utilizing engineering principles, youth can have a positive impact on communities and ecosystems. There will be events at seven locations in Maine, where young people will enhance their engineering skills by assembling their own Eco-Bots and surface controls to manage a simulated environmental cleanup. They will then test the interaction between the Eco-Bot's design features and various surface-control configurations to determine the most effective cleanup solution for the simulated spill. The program is open to youth ages 5 to 18 (children ages 5 to 10 must be accompanied by an adult to participate). No prior robotics experience is required and registration is free and includes materials for the experiment. For more information on 4-H NYSD, which begins Oct. 2 and ends Nov. 6 in Maine, visit www.4-H.org/NYS, or to register for a local 4-H youth science day activity in Bath, Perry, Windham, Poland, Searsport, Windsor or Topsham, visit the UMaine Extension 4-H youth science day website. Educators and volunteers from across the state are invited to participate and share the science experience with youth in their community Contact: Sarah Sparks, (207) 353-5550 or sarah.sparks@maine.edu

UMaine Hosting Northern Maine Children's Water Festival

03 Oct 2012

More than 700 students and teachers from 15 middle and elementary schools throughout northern and central Maine will convene on Tuesday, Oct. 9, at the University of Maine campus for the 10th biennial Northern Maine Children's Water Festival. The festival is a fun-filled way for students to learn about the value of clean water and healthy habitats, and to provide teachers with materials and lessons that they can use for years to come. At the festival, water resource professionals from Maine and other parts of New England provide presentations and interactive displays about water, wetlands, human health and aquatic life. The festival will be held from 9:30 a.m. to 1:30 p.m. The main exhibit space will be the UMaine Field House, although activities will be held in buildings in the western half of campus. Award-winning musician, author, and storyteller Steve Schuch will provide this year's entertainment. Mr. Schuch's pieces have been featured on National Public Radio, and Public Broadcasting Service, and his children's album, "Trees of Life," received a Parent's Choice Gold Award. Students will listen and sing along with Schuch as he weaves history and science together in his performance. Several local media personalities, including Todd Simcox and Tim Throckmorton from WABI TV5 and Cindy Michaels from WVII will participate as hosts of the water trivia game show, "Dripal

Pursuit.” Joined by a team of water “experts,” they will pose water resource questions to competing teams of students from each school. Students will enjoy a variety of educational exhibits and presentations including “The Dangerous and Interesting Lives of Puffins,” presented by the Puffin Project; “Where Does Water Go?” presented by the National Weather Service; “Electricity and Water Quality,” presented by the Maine Energy Education Program; and “The Great Maine Water Bug Safari,” presented by The Bug Man, a natural history educator. This experience is provided at no cost to the participants, and the festival budget includes funding to help schools pay for the cost of transportation to UMaine for the day. Festival attendance is limited, and schools are selected to attend on a competitive basis. The schools scheduled to attend the festival are the Adams School (Castine), Appleton Village School (Appleton), Camden-Rockport Middle School (Camden), Fort O’Brien Elementary School (Machiasport), Greenville Schools (Greenville), Holbrook Middle School (Holden), Lamoine School (Lamoine), Madison Jr. High School (Madison), Medway Middle School (Medway), Mill Pond School (Hodgdon), Penobscot Community School (Penobscot), Sedgwick Elementary School (Sedgwick), Dedham School (Dedham), Asa C. Adams School (Orono) and Weatherbee School (Hampden). Major sponsors of the Northern Maine Children’s Water Festival include the Maine Department of Environmental Protection, the University of Maine Senator George J. Mitchell Center for Environmental and Watershed Research, the Maine Center for Disease Control and Prevention, UMaine’s Sustainability Solutions Initiative, Verso Paper and the UMaine-based Maine Sea Grant. Contact: Ruth Hallsworth, (207) 581-3196; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Channel 2 Pumpkin Crop Report Cites UMaine

03 Oct 2012

A Channel 2 (WLBZ) news report on this year’s healthy pumpkin crop attributed information to University of Maine researchers. Adequate rain in July was a primary reason for the strong crop, according to the report. Contact: George Manlove, (207) 581-3756

Newspaper Features UMaine Extension Preservation Tips

03 Oct 2012

[The Bangor Daily News](#) offered garden produce preservation tips based on information from the University of Maine Cooperative Extension. Information ranged from various canning methods best suited to a variety of fruits and vegetables. The article referred readers to the [UMaine Extension website](#) for additional information. Contact: George Manlove, (207) 581-3756

Brewer Interviewed for Congressional Debate Primer

03 Oct 2012

[The Waterville Sentinel](#) interviewed University of Maine political scientist Mark Brewer for an assessment of what Maine voters can expect in upcoming debates between Democratic incumbent U.S. Rep. Mike Michaud and Republican challenger Kevin Raye. Brewer said he expects both Michaud and Raye to perform well. Contact: George Manlove, (207) 581-3756

Accounting Professor Discusses Candidates’ Tax Filings

03 Oct 2012

UMaine accounting professor Steve Colburn was interviewed by several media outlets for articles about methodology political candidates used when releasing their tax filings. In an [Associated Press report](#) that appeared on the Boston Globe website, Colburn said presidential candidate Mitt Romney came close to meeting the standard set in the textbook used by UMaine students. Colburn was quoted in a [Maine Today Media story](#) about the validity of critiquing candidates for the amount of taxes they are paying as long as they’re following the rules. He was also interviewed by the [Lewiston Sun Journal](#) about the issue. Contact: Jessica Bloch, (207) 581-3777

Ex-CIA Strategist, Author Riedel to Speak Oct. 17

04 Oct 2012

Retired Central Intelligence Agency specialist Bruce Riedel, a senior fellow in the Saban Center for Middle East Policy at the Brookings Institution, will discuss Osama bin Laden and the future of al Qaeda in a lecture at 5 p.m. Wednesday, Oct. 17 at the Buchanan Alumni House at the University of Maine. Sponsored by the UMaine School of Policy and International Affairs (SPIA), the presentation, titled “The Search for Osama bin Laden and al Qaeda: Inside the War on Terror,” is free and open to the public. Riedel will revisit the trail that led American SEALs to find the mastermind of 9/11 in his hideout in Abbottabad, Pakistan, and assess the Obama administration’s strategy for fighting al Qaeda. The presentation also will look ahead to the status of al Qaeda today and the threat it poses in the future. Riedel retired from the CIA in 2006 after 30 years of service, including postings overseas. He was a senior adviser on South Asia and the Middle East to the last four presidents as a staff member of the National Security Council at the White House. He also was deputy assistant secretary of defense for the Near East and South Asia at the Pentagon and a senior adviser at NATO in Brussels. In January 2009, President Barack Obama asked Riedel to chair a review of American policy towards Afghanistan and Pakistan, the results of which the president announced in 2009. Riedel served in 2011 as an expert adviser in the prosecution of al Qaeda terrorist Omar Farooq Abdulmutallab in Detroit. Riedel is the author of “The Search for al Qaeda: Its Leadership, Ideology and Future” and “Deadly Embrace: Pakistan, America and the Future of the Global Jihad.” He also was a contributor to “Which Path to Persia: Options for a New American Strategy Toward Iran,” “The Arab Awakening” and “Becoming Enemies: U.S.-Iran Relations and the Iran-Iraq War, 1979–1988.” Riedel currently teaches at the Johns Hopkins University’s School for Advanced International Studies and is an advisory board member for SPIA. Contact: George Manlove, (207) 581-3756

Federal Potato Research Grant Reported

04 Oct 2012

[The St. John Valley Times in Aroostook County](#) carried an article about a \$249,600 U.S. Department of Agriculture grant awarded to the University of Maine for potato research at the university’s Aroostook Research Farm in Presque Isle and in Orono. Researchers are looking to improve potato breeding and continue variety development. Contact: George Manlove, (207) 581-3756

Athletic Director Discusses Memorial Gym Plans

04 Oct 2012

In a [Bangor Daily News article](#), University of Maine Athletic Director Steve Abbott discussed proposed renovation plans for Memorial Gym and the UMaine Field House, a project that is turning out to be more expensive than planned. Abbott said the project might have to be scaled back, although a decision on how to proceed won’t be made until the end of December. Contact: George Manlove, (207) 581-3756

UMaine President Panelist for National College Engagement Award

05 Oct 2012

University of Maine President Paul Ferguson attended the 13th annual National Outreach Scholarship Conference at the University of Alabama, which was held Oct. 1–2, and served on the judges’ panel for the 2012 C. Peter Magrath University Community Engagement Award sponsored by the Association of Public and Land Grant Universities (APLU). Established in 2006 with support from the W.K. Kellogg Foundation, the awards program seeks to identify colleges and universities that have redesigned their learning, discovery, and engagement functions to become even more involved with their communities. President Ferguson was joined on the panel by the presidents of the University of Alabama and Montana State University, the chancellor of the University of Wisconsin Colleges and Extension, and a representative of the Association of Public and Land Grant Universities. The national Magrath award finalists are selected from the five regional Outreach Scholarship/W.K. Kellogg Foundation Engagement Award recipients. The

national winner receives a \$20,000 award announced at the fall national APLU meeting. Contact: George Manlove, (207) 581-3756

Smith to Speak at Portland Intermedia Art Discussion

05 Oct 2012

Owen F. Smith, director of the Intermedia MFA program at the University of Maine, will participate in a panel Saturday, Oct. 6, at the Institute of Contemporary Art (ICA) at the Maine College of Art in Portland on Intermedia as part of discussion sponsored by [Portland Ovations](#). Titled “Post-Performance Lecture: Inter-media Panel Discussion,” the discussion is from 4 p.m. to 5:30 p.m. The panel is being presented in conjunction with the work VOYEUR by Bridgman/Packer Dance, which is being performed Oct. 5-6. VOYEUR is a new dance-film work by choreographers Art Bridgman and Myrna Packer, inspired by the paintings of Edward Hopper and commissioned by Portland Ovations. The panel also includes ICA Director Daniel Fuller, associate ICA professor of sculpture Ling-Wen Tsai, and the visiting choreographers in an examination of the relationship between dance and visual and media arts. Contact: George Manlove, (207) 581-3756

UMaine and ESTIA Hosting Conference on Slow Food

05 Oct 2012

The University of Maine and ESTIA, a nonprofit and nongovernmental organization based in Maine dedicated to the protection of cultural and biological diversity, will host the 9th Annual ESTIA Conference on “Slow Food: A Model for Sustainable and Healthy Living.” Interest in the concept of Slow Food has grown in recent years as more people seek to understand the value of local, in-season and organic food that boosts the local economy while protecting the environment. The conference will be held 6 p.m.–9:30 p.m. on Friday, Oct. 26, and 8 a.m.–5 p.m. on Saturday, Oct. 27. Events will be held both days at UMaine’s Wells Conference Center. The conference will address various topics such as understanding the Slow Food model and its contribution to sustainability, its health benefits and its viability in boosting Maine’s economy. The conference will also explore food policy as it relates to Slow Food and present success stories from Maine institutions and businesses. More than 20 speakers from local, state and national organizations will explore different aspects of Slow Food. Roger Doiron, the founder of Kitchen Gardeners International, will give the keynote address at 7:15 p.m. on Oct. 26. Doiron led the successful campaign for a kitchen garden at the White House, earning him the Hearst Media’s “Heart of Green” Award as one of the 10 most inspiring people in sustainable food. Carlo Petrini, the founder of the International Slow Food movement, will greet conference attendees via video. U.S. Rep. Chellie Pingree of Maine, a member of the House Agriculture Committee and a national voice for local, sustainable farming, will deliver a talk titled “Food Policy — Incorporating the Slow Food Model into the Maine Economy.” Other speakers include Walt Whitcomb, commissioner of the Maine Department of Agriculture, Conservation and Forestry; Mark Lapping, executive director of the University of Southern Maine’s Muskie School of Public Service; and Russell Libby, executive director of the Maine Organic Farmers and Gardeners Association. The conference fee, which includes local, in-season and organic food, is \$40 (\$50 on-site registration) and \$25 (\$30) for students. The registration deadline has been extended to Thursday, Oct. 25. For more information, contact Gregory Edwards, ESTIA treasurer, at 716 Union Street, Bangor, Maine, 04401 or email estiamaine@gmail.com. Contact: Dorothy Klimis-Zacas, (207) 581-3124 or dorothy.klimis.zacas@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

University of Maine Museum of Art Fall Exhibits Open

05 Oct 2012

Three new University of Maine Museum of Art (UMMA) exhibits open to the public Friday, Oct. 5, for the fall season. Exhibits include “Alan Bray: At the Edges,” which features more than 20 works by one of Maine’s most respected contemporary landscape painters; “Mayumi Sarai: Ring Cycle,” a display of floor-based and hanging sculptures; and “Susan Jane Belton: What’s Your’s?” featuring a grid of 20 oil-on-panel paintings of cups collected by the artist. Selections from the museum’s permanent collection are also on display. All three exhibits close Jan. 5, 2013. UMMA, which is located at 40 Harlow Street in Bangor, is open from 10 a.m. to 5 p.m. Monday through Saturday. Admission is

free in 2012 thanks to Machias Savings Bank. For more information about the museum go to umma.umaine.edu.
Contact: Kathryn Jovanelli, (207) 561-3350 or kj@umit.maine.edu

Website Reports Job-Spawning UMaine Collaborative

05 Oct 2012

The Mass High Tech website posted an article about the Blackstone Accelerates Growth (BAG) program, in which UMaine is involved, and \$3 million in funding from the Blackstone Charitable Foundation to launch a new Innovation Hubs initiative in Bangor and Portland. The Maine Technology Institute, the Maine Center for Entrepreneurial Development and UMaine are part of the collaborative, which was created to add 10,000 skilled jobs and \$664 million to the Maine economy over the next decade. Contact: George Manlove, (207) 581-3756

News Reports on UMaine Role in Moth Eradication Strategy

05 Oct 2012

[The Bangor Daily News](#) carried a [Falmouth Forecaster article](#) about the town of Harpswell's use of a parasitic fly — the *Cyzenis albicans* — to kill destructive and invasive winter moths noted that the University of Maine is assisting in the project by monitoring moth damage to town forests. The Maine Forest Service and University of Massachusetts also are part of the project. Contact: George Manlove, (207) 581-3756

Article Features Extension 4-H Livestock Program

05 Oct 2012

An article in southern Maine's KeepMECurrent newspapers about several Cumberland-area youths participating in livestock programs at local county fairs cites the students' participation in 4-H, a youth development program run through the University of Maine Cooperative Extension. UMaine Extension's Jessy Brainerd, who was interviewed for the article, said 4-H membership has grown to 2,765 members, up from 2,576 last year and 2,509 in 2010. Contact: George Manlove, (207) 581-3756

Dagher Comments on PUC in Offshore Wind Report

05 Oct 2012

Habib Dagher, director of UMaine's Advanced Structures and Composites Center, was interviewed for [a Bangor Daily News article](#) about Maine Public Utilities Commission concerns about the profitability of an offshore wind-power project proposed by the Norwegian Statoil North America company. Dagher said PUC commissioners are not questioning the viability of offshore wind power technology, but rather the discussion is part of a complex negotiation process. UMaine is assisting Statoil in the development of windmill blades and parts. Contact: George Manlove, (207) 581-3756

40 Years of Climate Change Research

09 Oct 2012

[Click here to view "40 Years of Climate Change Research" video on YouTube.](#)

To Rake or Not to Rake?

09 Oct 2012

[Click here to view "Reason to Rake Leaves" video on YouTube.](#)

Pumpkin Time

09 Oct 2012

[Click here to view "How to Harvest and Store Pumpkins" video on YouTube.](#)

Basketball Enthusiasts Invited to UMaine Event

09 Oct 2012

University of Maine students and basketball fans are invited to participate in a “Shoot, Slam and Shuffle” event with UMaine basketball players at 8 p.m. on Friday, Oct. 12, at the New Balance Student Recreation Center. “Knockout for a Cause,” is organized by the Theta Chi fraternity as a fundraiser for Spruce Run, a nonprofit center serving people who have been affected by domestic abuse. Participants will play the basketball game Knockout, with winners advancing to championship rounds. Participants may register for the event in advance or at the door. The UMaine basketball teams will be introduced at 9 p.m. and a dunk and shooting contest will take place after a brief warm-up. The event ends with a dance-off between the teams. Students may enter an open dunk contest prior to 9 p.m., with the winner advancing to the team dunk contest. The winners of the Knockout contest will compete with the basketball team in a shooting contest. Drinks and pizza will be available. The event is an opportunity to get a look at UMaine’s 2012–13 basketball teams before the season begins. Contact: George Manlove, (207) 581-3756

Climate Change Institute Researchers Heading to South Georgia Island

09 Oct 2012

Researchers with UMaine’s Climate Change Institute will be blogging while on a trip to South Georgia Island in the South Atlantic Ocean. The expedition members are Climate Change Institute Director Paul Mayewski, UMaine graduate students Bjorn Grigholm and Mariusz Potocki, UMaine postdoctoral researcher Dan Dixon, Chilean researchers Gino Casassa and Marcelo Arevalo, EMT medic Alex Kuli, and freelance journalist Alex George Kuli. The Kuli South Georgia Expedition team is expecting to return Nov. 4, depending on weather. Before leaving on the trip, Mayewski delivered a talk on “Climate Change — Perspectives, Realities and Future Change” at Chile’s Universidad de Magallanes — American Corner. The lecture featured research work in South America and Antarctica. For more information about the Climate Change Institute go to climatechange.umaine.edu. The first blog entry is below: South Georgia Bound Oct. 6, 2012 Members of the University of Maine’s Climate Change Institute are embarking on a quest to put together a puzzle whose pieces are disappearing before our very eyes. We are heading to South Georgia Island, a windswept former whaling station in the icy reaches of the South Atlantic, to expose the true reasons behind the recent extreme variations in the Southern Hemisphere’s climate. Our goal is to uncover weather patterns from centuries ago by burrowing deep into South Georgia’s glaciers. The information hidden in the ice will allow scientists to paint a more accurate picture of how climate will change in the coming decades — and warn people how they must prepare. We will sail more than 800 nautical miles over unpredictable seas to reach the island. We will examine the ice record to gain data on ancient weather patterns — the pieces to our climate puzzle. It is either now or never: Rising global temperatures are causing South Georgia’s glaciers to melt, destroying the pieces that are necessary to complete the picture. Our journey will involve days at sea, trekking on sheer ice, and camping out in subzero temperatures. We will encounter king penguins, elephant seals and right whales. We will retrace the steps of polar exploration giants such as Ernest Shackleton. And we will come in close contact with scientists who have devoted their lives to understanding climate in the most remote spots of the globe. Today, October 6, we are waiting to depart from the Falkland Islands on a boat known as the Pelagic Australis. We invite you to follow our adventures on the ExpeNews site, which will be reported by text messages sent by an Iridium satellite phone. This means each entry will be short, incisive and audacious. Happy reading! Contact: Jessica Bloch, (207) 581-3777

Author, Military Wife to Speak Wednesday at UMaine

09 Oct 2012

Bangor Daily News columnist, author, military wife and mother of three Sarah Smiley will be at the University of

Maine's Foster Center for Student Innovation from noon to 1 p.m. on Wednesday, Oct. 10, to discuss her life and her latest book, "Dinner with the Smileys." The event is free and open to the public. Smiley has drawn national attention, including a CNN feature report, for inviting a noteworthy guest to dinner once a week as a solution to an empty place at the table while her husband is deployed. Among her guests have been representatives of Maine's Congressional delegation, former governors and UMaine coaches and athletes. Lunch will be served. RSVP at student_innovation_center@umit.maine.edu or (207) 581-1454. Contact: George Manlove, (207) 581-3756

Forest Resources Researchers, Anthropologist in 'Sustainable Maine' Broadcast

09 Oct 2012

University of Maine School of Forest Resources students and faculty members Rob Lilieholm, John Daigle and Bill Livingston, anthropologist Darren Ranco, coordinator of UMaine's Native American Studies, and several Maine Indian Basketmakers were featured in an Oct. 4 airing of "[Basket Trees — Saving a Tradition,](#)" a [Sustainable Maine documentary](#) on the Maine Public Broadcasting Network. The documentary is about threats from the invasive emerald ash borer beetle to Maine's ash trees and the future of the state's Native American basket-making traditions. The production will air again on MPBN at 1 p.m. on Sunday, Oct. 21. Contact: George Manlove, (207) 581-3756

UMaine Extension Director Interviewed for Editorial on Diagnostic Lab

09 Oct 2012

Comments from University of Maine Cooperative Extension Director John Rebar were included in [a Bangor Daily News editorial](#) urging support for an upcoming vote on referendum Question 2, a \$7.8 million bond request for the University of Maine System. Rebar provided educational information on the work currently being done in UMaine's animal and plant diagnostic facility and what a proposed new facility would mean for UMaine. An online version of the editorial carried a photograph of UMaine Extension insect diagnostician Clay Kirby. [The website of the Foster's Daily Democrat newspaper carried an article](#) that advanced a talk Rebar will give on the proposed facility at 6:30 p.m. on Thursday, Oct. 25 during UMaine Extension's annual meeting in the York County Extension office in Springvale. The meeting is free and open to the public. Contact: George Manlove, (207) 581-3756

Reuters News Interviews Brewer on Vice Presidential Debates

09 Oct 2012

University of Maine political scientist Mark Brewer was among several political analysts interviewed by [the global Reuters news service](#) about what to expect Oct. 11 during the first of the vice presidential debates between Democratic Vice President Joe Biden and Republican Mitt Romney's vice presidential running mate Paul Ryan, a U.S. senator from Wisconsin. Brewer said he will be surprised if there are not more sparks during the vice presidential debate than last week's presidential debate. Contact: George Manlove, (207) 581-3756

Police Chief Comments in Article on Dayglow Concert

09 Oct 2012

An article in the Springfield, Mo. News-Leader newspaper about emergency services personnel preparedness for trouble during "Dayglow" paint concerts at colleges and universities included comments from University of Maine Police Chief Roland Lacroix, who said UMaine planned well in advance of a Dayglow concert last year at UMaine and after substantial research into what to expect. Contact: George Manlove, (207) 581-3756

Ippolito Interviewed for Political Signs Analysis Report

09 Oct 2012

University of Maine new media professor and design specialist Jon Ippolito was interviewed for a [Maine Public](#)

[Broadcasting Network report](#) on the psychological effects of the color, design and placement of political signs during campaign seasons. Ippolito said signs can create subliminal and symbolic messages from candidates and also can represent the presence of third-party candidates. Contact: George Manlove, (207) 581-3756

Cuban Missile Crisis Anniversary Brings Analysis of Kennedy Speech at UMaine

15 Oct 2012

The Cuban Missile Crisis was one of the major moments in the presidency of John F. Kennedy and of the decades-long Cold War between the U.S. and the Soviet Union. As the 50th anniversary of the crisis approaches, it is useful to reflect on a speech Kennedy delivered at the University of Maine more than a year later. Speaking on Oct. 19, 1963 — more than a month before he would be assassinated in Dallas — on the occasion of his receipt of an honorary degree of doctor of laws, Kennedy considered the events of the crisis, which began Oct. 14, 1962, when a U2 aircraft took pictures of Soviet medium-range ballistic missile (MRBM) sites in western Cuba. The photographs were confirmed the next day and Kennedy was informed of the missile sites on Oct. 16. The crisis ended on Oct. 28 when the Soviet government announced it would withdraw the missiles and the United States promised not to invade Cuba. “While only the passage of time and events can reveal in full the true perspective of last October’s drama, it is already clear that no single, simple view of this kind can be wholly accurate in this case,” Kennedy said in his speech, which he delivered at the University of Maine’s athletic stadium in front of then-Gov. John H. Reed, U.S. Sens. Margaret Chase Smith and Edmund S. Muskie, U.S. Reps. Stanley R. Tupper and Clifford G. McIntire, and [UMaine President Lloyd Hartman Elliott](#). “While both caution and commonsense proscribe our basting of it in the traditional terms of unconditional military victory, only the most zealous partisan can attempt to call it a defeat,” Kennedy continued. “While it is too late to say that nothing is changed in Soviet-American relations, it is too early to assume that the change is permanent. There are new rays of hope on the horizon, but we still live in the shadows of war.” UMaine historian Nathan Godfried identifies two major themes in the president’s remarks — what Kennedy said, and what he omitted. “The speech obviously focused on the missile crisis and its meaning for U.S.-Soviet relations,” says Godfried, whose research interests include 20th century history, mass communication and popular culture. “By and large, Kennedy was justifying his administration’s move to secure an atmospheric nuclear test ban treaty and perhaps to set the stage for some kind of nuclear disarmament negotiations. At the same time, Kennedy maintained the country’s long-standing opposition to the Communist menace. I do think that the speech reflects a shift in Kennedy’s approach to the nuclear arms race, having helped to bring the world to the edge of destruction the previous year.” Godfried also points out Kennedy did not mention Cuba at all in his comments at UMaine, which is interesting because although the missile crisis did mark a minor but noticeable shift in the U.S. approach to nuclear arms and the USSR, it did not result in any significant shift in the U.S. approach to Cuba. “In the words of Latin American historian Stephen Rabe, the conclusion of ‘the missile crisis did not lead to a detente between the United States and Cuba,’” Godfried says. “Indeed, the Kennedy administration conducted a bellicose and often violent policy toward Cuba before the crisis and after it. JFK and his national security team remained absolutely committed to plotting against Castro, including numerous assassination attempts.” The text of Kennedy’s UMaine speech is available online at www.presidency.ucsb.edu/ws/?pid=9483. Contact: Jessica Bloch, (207) 581-3777; jessica.bloch@umit.maine.edu

Public Radio Interviews Handley on Invasive Fruit Fly

09 Oct 2012

Comments from University of Maine Cooperative Extension vegetable and small fruit specialist David Handley were included in a Maine Public Broadcasting Network report on the Asian spotted-winged fruit fly, which has begun appearing in Maine and presents a new threat to soft fruit growers. The fly can bore into unripe soft fruit such as blueberries and raspberries to lay eggs and spoil fruit well before it is ripe. Contact: George Manlove, (207) 581-3756

Blog Post: Kuli South George Expedition

10 Oct 2012

Researchers with UMaine’s Climate Change Institute are blogging while on a trip to South Georgia Island in the South

Atlantic Ocean. The expedition members are Climate Change Institute Director Paul Mayewski, UMaine graduate students Bjorn Grigholm and Mariusz Potocki, UMaine postdoctoral researcher Dan Dixon, Chilean researchers Gino Casassa and Marcelo Arevalo, EMT medic Alex Kuli, and freelance journalist Alex George Kuli. For more information about the Climate Change Institute go to climatechange.umaine.edu. The latest blog entry is below: Thrashing About in the South Atlantic There's something incredibly romantic about sailing across the ocean with no one around for hundreds of miles and nothing but azure waters from horizon to horizon. The ambience instantly disappears when you realize your boat's passengers consist of eight well-meaning, but sweaty and unshaven men. And there is certainly no romance in getting thrashed from port to starboard by merciless, never-ending waves. Or in the seasickness that has struck many of our team (including your correspondent). We left the Falklands three days ago. Another 36 hours lies ahead before we get to South Georgia Island. The only obstacle that lies ahead is the intriguingly named Shag Rocks, presumably discovered by a pair of lonely sailors during the early days of Polar exploration. Next update from the dry, seasick-free beaches of South Georgia! Contact: Jessica Bloch, (207) 581-3777

Magazine Blog on Extreme Skydiver Cites UMaine Research

10 Oct 2012

[The Pacific Standard magazine](#) posted a blog that cites research by University of Maine psychology professor William Farthing about risk-takers and daredevils such as extreme skydiver Felix Baumgartner. A 2005 study by Farthing revealed that men who do risky things don't necessarily impress anyone, until they do something dangerous for altruistic reasons, which at that point elevates them from daredevil to hero status. Baumgartner has been training to become the first person to skydive from a helium balloon 23 miles high, breaking the sound barrier during his free-fall. Contact: George Manlove, (207) 581-3756

Article Notes UMaine Affirmative Action Policy

10 Oct 2012

UMaine was noted in an article in [the Kennebec Journal](#) about Maine colleges and universities awaiting a U.S. Supreme Court decision on whether admissions offices may or may not use race or ethnicity in student enrollment decisions. University of Maine is among those whose admissions offices do not consider race and ethnicity in enrollment. Contact: George Manlove, (207) 581-3756

Newspaper Follows Up on Scientific Balloon Project

10 Oct 2012

[The Bangor Daily News](#) carried an article about Bangor High School students starting to analyze data collected during a University of Maine-assisted scientific balloon launch recently. UMaine electrical engineering professor Rick Eason helped the students launch and later retrieve the weather balloon that carried sensors and other equipment to 95,000 feet to monitor temperature, ultraviolet radiation, height and other environmental conditions. The project was part of the high school's STEM (Science, Technology, Engineering, Math) curriculum. Contact: George Manlove, (207) 581-3756

Channel 2 Covers Student Water Festival at UMaine

10 Oct 2012

Channel 2 (WLBZ) covered the 2012 Northern Maine Children's Water Festival held Tuesday at UMaine. The event, which is sponsored by the university in conjunction with the Maine Center for Disease Control, Verso Paper and Maine Department of Environmental Protection, is designed to creatively educate school students about the importance of clean water and healthy habitats, and also provide teachers with materials and lessons they can take back to their classrooms. More than 700 students and teachers from 15 middle and elementary schools from northern and central Maine participated. Contact: George Manlove, (207) 581-3756

Channel 5 Covers UMaine Forest Industry Conference

10 Oct 2012

[Channel 5 \(WABI\)](#) covered a conference Tuesday at the University of Maine held for industry workers, university researchers and others to discuss common problems facing the state's forest industry. Jeffrey Benjamin, a professor of forest operations who was interviewed for the report, said stakeholders should be communicative to determine ways to fully utilize resources that may benefit operations. Contact: George Manlove, (207) 581-3756

Economist Criner Interviewed for Home Sales Report

10 Oct 2012

University of Maine School of Economics Director George Criner was interviewed recently for a [Channel 7 \(WVII\)](#) report on the slow recovery of the Maine economy and housing sales. Criner said home buyers have benefited from lower housing costs resulting from the economy. Contact: George Manlove, (207) 581-3756

Harvard Speaker to Discuss Future of Health Policy

11 Oct 2012

Harvard University Professor Theda Skocpol, an expert on social policy, will give a talk, "The Future of Health Policy," at 3:30 p.m. on Thursday, Nov. 8. The talk is free and open to the public, and will be held at the University Club on the second floor of UMaine's Fogler Library. Skocpol is director of the Scholars Strategy Network and is the Victor S. Thomas Professor of Government and Sociology at Harvard. Her research focuses on health reform and social policy and civic engagement amidst the shifting inequalities in American democracy. Skocpol's current projects include tracking the implementation of health reform in the U.S. states; analyzing the dynamics of local Tea Party groups; and probing how the Democratic Party has handled — and mishandled — political battles over taxes and public revenues. Skocpol has met with groups of congressional Democrats and attended White House sessions that included the president during the Clinton years. The University of Maine Departments of Political Science and Sociology, and the Margaret Chase Smith Policy Center, are sponsoring Skocpol's talk, which will be followed by a reception with refreshments. Contact: Amy Fried, (207) 581-1797

Rockland Newspaper Reviews UMaine Student Exhibit

11 Oct 2012

"See Touch Hear," an exhibit currently at Aysmmetrick Arts gallery in Rockland by three UMaine students pursuing interdisciplinary doctoral degrees, [was reviewed by the Free Press](#), a mid-coast community newspaper. The article says participatory or interactive art is becoming more common, and gives viewers a chance to "complete and give life to art on their own terms." Bethany Engstrom, Richard Corey and John Bell, who organized the exhibit, are all graduates of UMaine's Intermedia MFA program. Contact: George Manlove, (207) 581- 3756

Political Scientist Comments on Maine Election Ads

11 Oct 2012

Comments from Amy Fried, a UMaine political scientist, were included in a [Seacoast Online newspaper report](#) on how media buys are impacting the race for Maine's open U.S. Senate seat. Fried says the campaigns are taking a different shape in Maine compared to the rest of the country as pro-Republican groups are promoting the Democrat Cynthia Dill in order to take support away from independent Angus King. Contact: Jessica Bloch, (207) 581-3777

Public Invited to UMaine Planetarium Astronomy Day

12 Oct 2012

UMaine's Maynard F. Jordan Planetarium and the Penobscot Valley Star Gazers invite families, children and members of the community to Astronomy Day 2012 on Saturday, Oct. 20. Activities will be held from 1 p.m. to 11 p.m. in UMaine's Wingate Hall. The events are free and open to the public. Tours of the facilities, instructional telescope sessions and children's activities will be held at the planetarium in Wingate Hall and the nearby Jordan Observatory. Families can build and take home working telescopes in the Scope Building Clinic at 2 p.m. for a \$25 fee to cover the cost of materials. Telescope owners can consult with members of the Penobscot Valley Star Gazers to learn about obtaining amateur equipment to observe the heavens from their own backyards, says planetarium director Alan Davenport. If weather permits, sun telescopes will focus on our solar system's star and lead to an evening of starry views through amateur telescopes owned by PVSG club members and the big Clark refractor at the Jordan Observatory from 7 p.m. to 11 p.m. Astronomy Day is celebrated each year as a day when planetariums and amateur astronomers share their expertise with the public, and is an opportunity to learn more about and understand the cosmos. Free refreshments will be offered. For more information, a schedule of events and directions call (207) 581-1341 or [visit the Galaxy Maine website](#). Contact: Alan Davenport, (207) 581-1341

Geologist Profiled in Bangor Daily News

12 Oct 2012

[The Bangor Daily News](#) published a profile of University of Maine professor emeritus Hal Borns, a long-time geologist at the university who retired in 2004 after 50 years on the UMaine faculty. Borns, the first director of what is now the Climate Change Institute, continues to work and maintain an office on campus at age 84. Borns said one of his most memorable accomplishments was leading the Maine Ice Age Trail Map project, which colorfully details the glacial landscapes and geological attributes of the terrain along and inland from the Maine coast. Contact: George Manlove, (207) 581-3756

Godfried Comments in AP Report on RFK Files

12 Oct 2012

University of Maine history professor Nathan Godfried was quoted in an Associated Press article about thousands of pages of Robert F. Kennedy documents made public this week by the National Archives and Records Administration. Godfried said the newly released records are of particular interest to historians who will use them to reconstruct the past. The article appeared on the [ABC News](#), [Fox News](#) and [Washington Post](#) websites, among other places. Contact: George Manlove, (207) 581-3756

Newspaper Referenda Article Cites Proposed UMaine Lab

12 Oct 2012

[An article in the coastal Penobscot Bay Press](#) about how general obligation bonds would be used should voters approve the referendum Question 2 next month notes that \$7.8 million would be used to build a new a biologically secure animal and plant diagnostic facility at UMaine. Contact: George Manlove, (207) 581-3756

Political Scientists Comment on Vice Presidential Debates, Campaign Funds

12 Oct 2012

UMaine political scientist Mark Brewer was interviewed for a Reuters report on the [Fox Business](#) and [Chicago Tribune](#) websites that appeared before the vice presidential debate. Brewer predicted Biden would be much more aggressive than Obama was in his first debate against Mitt Romney last week. Comments from UMaine political scientist Amy Fried were included in an Associated Press article that appeared on the [Boston Globe website](#) about how out-of-state funding is affecting race for Maine's open U.S. Senate seat. Fried said she understands candidates' frustrations with the expenditures in the wake of a U.S. Supreme Court ruling allowing unlimited outside expenditures by super PACs. Contact: Jessica Bloch, (207) 581-3777

Employers, Students Preparing for UMaine Engineering Job Fair Oct. 17

12 Oct 2012

Some 78 companies that employ engineers will be at the University of Maine Wednesday, Oct. 17, looking to meet future employees or prospective interns from UMaine's College of Engineering. The 2012 Engineering Job Fair takes place from 10 a.m. to 3 p.m. at the New Balance Student Recreation Center. The annual event is an opportunity for students to learn about some of the engineering firms in Maine and New England, meet company representatives and pass along a resume that could lead to a job after graduation or on-the-job experience through a co-op or internship. The UMaine Career Center is cosponsored with the College of Engineering. Students can talk with company representatives about the job market and the type of projects the companies do. Students are advised to bring resumes, prepare 30-second introductory pitches and research the companies they'll speak with beforehand. The number of participating companies has increased from last year. The event historically has attracted some of the best engineering companies in the Northeast, looking specifically for UMaine students. More information, including a list of the companies scheduled to attend is on the [Career Center website](#). Contact: Patty Counihan (207) 581-1359; Jessica Bloch, (207) 581-3777

Simulating a Watershed

15 Oct 2012

Approximately 70 middle-school students from eastern and northern Maine worked with a University of Maine engineering professor and two UMaine students during the recent Northern Maine Children's Water Festival, held at UMaine, to learn about how different factors can inhibit or promote water movement through the environment. Shaleen Jain, an associate professor of civil and environmental engineering, UMaine graduate student Tim Baker and undergraduate Regina Smith guided students through a program called SimStream, which allows students to explore the relationships between a stream, its ecosystem and a neighboring city. The program was built using Scratch, a programming environment that was developed by the Massachusetts Institute of Technology Media Laboratory. Sam Foster, another UMaine undergraduate, has also been involved in the development of the SimStream program, which is called "Journey of a Droplet." The middle-school students explored the journey of water within the Scratch environment to create a working computer model. They manipulated the trees, slope, soil and a factory to analyze how different elements in an environment help or hinder the movement of water. In doing so, students learned about the principles that undergird water movement, and at the same time gained hands-on experience with computer-based programming and modeling. The project is the educational and K-12 outreach component of a National Science Foundation Faculty Early Career Development (CAREER) Award that Jain received in 2011. The five-year, \$406,551 award helps support his research into developing models to understand the impact of climate change on freshwater resources and the role of water allocation in both ensuring reliable water supplies for communities and balancing the health of the ecosystem. Travis Hall, a 2010 UMaine graduate who teaches science, social studies and math at Holbrook Middle School in Holden, Maine, brought his class of sixth-grade students to the festival, where they participated in the 35-minute SimStream demonstration. "These kids link into computers well, so this is a phenomenal situation for them to use computers in a real-world sense," says Hall, who majored in elementary education. "It takes these kids to places they can't be. You can't go stand on a hill and watch a factory absorb water. And I love the hands-on quality of this program. The kids are totally manipulating every factor."

New Campus Banners Celebrate UMaine's Legacy and Land Grant Anniversary

22 Oct 2012

In preparation for University of Maine Homecoming 2012, Oct. 19–21, and to welcome many members of the UMaine family back to campus, new campus banners are replacing worn banners throughout campus. The new banners celebrate UMaine's legacy and anniversary as a major land grant university and are consistent with UMaine's Blue Sky Project. The banners also are part of this year's national celebration of the 150th anniversary of the 1862 Morrill Act that laid the groundwork for the democratization of public higher education. Today, more than 100 land grant universities serve the nation and the world, and the land grant philosophy of learning, discovery and engagement has been widely emulated. UMaine is Maine's only land grant university. The banner design by UMaine's Division of Marketing and

Communications showcases the Blue Sky image. Stevens Hall is complemented by the iconic University of Maine logo and accompanied by the celebratory notation of 150 Years, with UMaine's specific time frame, from 1865–2015. "The university's participation in the recognition of the Morrill Act this year serves as an appropriate beginning for celebration of our remarkable 150th anniversary in 2015," says University of Maine President Paul W. Ferguson.

UMaine in Partnership to Continue Developing Online Offshore Wind Database

15 Oct 2012

The University of Maine and the U.S. Offshore Wind Collaborative (USOWC) have announced a partnership to co-develop WindHUB, USOWC's new online resource for stakeholders interested in the emerging U.S. offshore wind industry. The first phase of the Offshore WindHub brought together resources related to Atlantic coast states and federal activities in policy, technology, economics and siting. The second phase of WindHub's development will expand the site's content and improve its user interface. UMaine's Advanced Structures and Composites Center will work with USOWC to provide site management and technical development. "WindHub fills a real need in the growing offshore wind industry in the United States," says Habib Dagher, the center's director. "Expanding this resource to include additional features and content is the next step and UMaine is excited to be a part of it." Offshore WindHub gives users access to a searchable database of available information state-by-state and from key federal agencies and will be updated regularly. Future development phases will target new geographic regions, international resources, and analysis. The Advanced Structures and Composites Center is a state-of-the-art one-stop-shop for integrated composite materials and structural component development. Located at the University of Maine, it offers in-house capabilities for developing a composite product or structure from the conceptual stage through research, manufacturing of prototypes, comprehensive testing and evaluation, code approval and commercialization. To view the Offshore WindHub website go to offshorewindhub.org. Contact: Elizabeth Viselli, (207) 581-2831; Jessica Bloch, (207) 581-3777

Winter Preparedness

15 Oct 2012

[Click here to view "How to Seal Windows for Winter and Summer" video on YouTube.](#)

MAAV honored in Blaine House ceremony

15 Oct 2012

Nine members of the University of Maine group Male Athletes Against Violence were among the groups and individuals honored Oct. 2 in Augusta for their leadership in preventing domestic violence at the annual tea and awards ceremony of the Maine Coalition to End Domestic Violence. During the ceremony, Gov. Paul LePage read and signed a proclamation declaring October as Domestic Violence Awareness Month in Maine. Accompanying the student-athletes at the event were professor Sandy Caron, who advises Male Athletes Against Violence, and coach Tim Whitehead. Several members of the men's hockey team participate in Male Athletes Against Violence. The peer education program involves student-athletes from each of the UMaine sports teams who promote anti-violence awareness on campus and in area high schools.

Franco-American Centre Presenting Humorist, Author Poulin

15 Oct 2012

The Franco-American Programs are hosting a talk and book-signing by actress, humorist and storyteller Susan Poulin, author of the recent book "Finding Your Inner Moose: Ida LeClair's Guide to Livin' the Good Life," at 6 p.m., Wednesday, Oct. 24 at the UMaine Franco-American Centre. The center recognizes Poulin's contributions to Franco-American heritage through her fictional character LeClair and her "Franco-ness." Poulin, of Eliot, Maine is currently on a speaking tour. Poulin draws upon her own upbringing as a Franco-American to develop the humorous character of LeClair. The presentation is free and open to the public. [The Bangor Daily News](#) recently carried a feature article on Poulin. Contact: Susan Pinette, (207) 581-3791

2012 Culturefest International Student Showcase October 27

15 Oct 2012

The University of Maine will hold its 25th annual International Culturefest from 11 a.m. to 3:30 p.m. Saturday, Oct. 27 at the University of Maine Field House. A festival of cultural exhibits, traditional singing, dancing, clothing and cuisine from around the world presented by UMaine's international students, Culturefest is free, open to the public and suitable for children. Culturefest features cultural exhibits, an international food court, children's activities, international style show and cultural performances throughout the day. The festival usually attracts more than 1,200 visitors from campus and from across Maine. Sponsored by the UMaine Office of International Programs and the International Student Association, the event provides UMaine's international students a showcase for their talents and traditions from as many as 70 countries and cultures from around the world. It is the largest event of its kind in the state. Members of the UMaine International Student Association will again serve traditional homeland cuisine in a food court area from 11 a.m.–2:30 p.m. for a small donation. More information about Culturefest, including sponsors and supporters, is available by calling (207) 581-2905 or visiting the [Culturefest website](#). Contacts: Sarah Joughin, (207) 581-3423

News Reports Former UMaine President Resignation

15 Oct 2012

[The Bangor Daily News](#) reported the resignation Friday of former UMaine President Robert Kennedy, who left Maine in June 2011 to become president of the Board of Regents for Higher Education in Connecticut. The article said Kennedy was pressured to resign amid a controversy in Connecticut over several actions by Kennedy, including the improper authorization of raises. An Associated Press article also appeared on the [Boston Globe website](#) and the [Hartford Courant](#). [The Bangor Daily News also published a follow-up story](#) in which University of Maine System Chancellor James Page said that the Connecticut situation is different from a similar controversy earlier this year over raises at the University of Southern Maine. Contact: George Manlove, (207) 581-3756

Sociology Professor Comments in MPBN Religion Report

15 Oct 2012

[A Maine Public Broadcasting Network report](#) on a recent Pew Research Center study on the nation's dwindling number of people affiliated with a particular religion included comments from University of Maine sociologist Kyriacos Markides, who teaches the sociology of religion. Markides said in the United States, unlike in Europe, people are becoming more religiously pluralistic rather than secular. Contact: George Manlove, (207) 581-3756

Maine Heritage Lecture Features 'Narrating Maine'

16 Oct 2012

The fifth Maine Heritage Lecture at the University of Maine at 4:30 p.m., Tuesday, Oct. 16 at the Buchanan Alumni House features "Narrating Maine," a presentation by Kristin Langellier, UMaine professor of communication and journalism. The talk includes five linked stories about Maine, ranging from potato harvest lunches in Aroostook County to quilters' stories, Somali youth in Maine schools and how important storytelling is in how we perceive Maine life. The event is free open to the public. Contact: George Manlove, (207) 581-3756

UMaine Hosting Online Hydrogen Fuel Technology Workshop

16 Oct 2012

The University of Maine will video stream on Oct. 18 a series of free workshops featuring international companies working to develop and lessen the cost of hydrogen as an alternative fuel. UMaine professor of mechanical engineering technology David Dvorak, who works with the UMaine Forest Biofuel Research Institute on fuel cell applications in the

pulp and paper industry, is coordinating UMaine's participation. Representatives from eight companies in the United Kingdom, Canada and United States will discuss their research and the future of hydrogen, a clean alternative to traditional fossil fuels for the automotive industry and heat, power, cooling and fuel production systems for buildings, industrial applications and utility power supplies. The public and Maine business representatives are invited to attend any of or all four hour-long workshops planned simultaneously from 8:30 a.m. to 12:30 p.m. The sites are the UMaine Target Technology Center on Godfrey Road in Orono and 118 Boardman Hall on the Orono campus. The workshops will also be streamed at the Wishcamper Center Atrium and Auditorium at the University of Southern Maine; Room 162L at the University of Southern Maine Lewiston-Auburn College; and Pullen Hall at the University of Maine Presque Isle. Discussions will be particularly relevant to Maine's energy issues, according to the event's chief organizer, the Portland, Maine-based [Hydrogen Energy Center \(HEC\)](#). HEC is a nonprofit organization run by industry volunteers interested in seeing hydrogen energy correct the problems of dirty air, climate disruption, world conflicts and poverty, which have been caused by the world's fossil fuel economy, the organization says. The workshops will explore the status of hydrogen fuel cell development and its advancing technology. For more information, including a session schedule, contact the Hydrogen Energy Center at (207) 233-1273, email Gary@HydrogenEnergyCenter.org or visit [the HEC website](#). Contact: George Manlove, (207) 581-3756

Newspaper Interviews UMaine Speaker, al-Qaida Expert

16 Oct 2012

[The Bangor Daily News](#) interviewed retired Central Intelligence Agency terrorist expert Bruce Riedel in advance of his scheduled appearance at 5 p.m. on Wednesday, Oct. 17 at UMaine's Buchanan Alumni House. Riedel will discuss the hunt for Osama bin Laden, al-Qaida and progress the United States has made, and remaining challenges, in combating international terrorism. The lecture is being presented by the UMaine School of Policy and International Affairs. Contact: George Manlove, (207) 581-3756.

Fried Comments in NYT Political Analysis

16 Oct 2012

University of Maine political scientist Amy Fried was interviewed for a [New York Times political analysis](#) of presidential politics and congressional districts in Maine. Fried observed that recent redistricting moved about 3,500 Republicans into the more conservative Second Congressional District and largely Democratic Waterville and Winslow were shifted into the Congressional First District. Fried said the Second District still has Lewiston, which she noted can lean left or right despite its predominantly Democratic population. Contact: George Manlove, (207) 581-3756

BDN Advances UMaine Engineering Job Fair

16 Oct 2012

The Bangor Daily News carried a news release advancing the Engineering Job Fair Oct. 16 at the University of Maine. The event will draw nearly 80 companies looking to hire engineering students from UMaine. The job fair is cosponsored by the UMaine Career Center and the College of Engineering. Contact: George Manlove, (207) 581-3756

Science Website Posts Article about UMaine Wind Collaborative

16 Oct 2012

The science website [PhysOrg.com](#) has posted an article about a collaborative between the University of Maine Advanced Structures and Composites Center and the U.S. Offshore Wind Collaborative (USOWC). Called the Offshore WindHub, the partnership brings together resources related to Atlantic coast states and federal activities in policy, technology, economics and siting. The second phase of WindHub's development will expand the USOWC's website content and improve its user interface. Center director Habib Dagher is quoted as saying the WindHub fills a need for the growing offshore wind industry. Contact: George Manlove, (207) 581-3756

Brewer Interviewed for MPBN Report on Campaign Argument

16 Oct 2012

University of Maine political scientist Mark Brewer was interviewed for a [Maine Public Broadcasting report](#) about a disagreement between Republicans and Democrats over a U.S. Second Congressional District campaign ad placed by incumbent Democrat Rep. Mike Michaud. The ad takes aim at spending by GOP challenger Kevin Raye. Brewer said he has been surprised that the Raye candidacy hasn't performed better and added that Michaud maintains a comfortable lead in the polls. Contact: George Manlove, (207) 581-3756

MPBN Referenda Report Comment Supports UMaine Lab Plan

16 Oct 2012

Maine State Chamber of Commerce President Dana Connors, interviewed by the Maine Public Broadcasting Network on Maine's upcoming referenda questions, said a proposed animal, plant and insect diagnostic laboratory at UMaine, along with new machine tool technology at community colleges, are "wise investments." The lab is part of Question 2, on which voters will decide Nov. 6. Contact: George Manlove, (207) 581-3756

Pulitzer Prize-Winning Play Opens School of Performing Arts Theatre Season

17 Oct 2012

The University of Maine School of Performing Arts theatre department opens its 2012–13 season with the award-winning play "How I Learned to Drive," written by Paula Vogel. The play opens at 7:30 p.m. on Friday, October 19 in the Cyrus Pavilion Theatre. Additional performances are at 7:30 p.m. on Oct. 20, 26, 27; at 2 p.m. on Oct. 21 and 28; and noon on Oct. 25. Tickets are \$15 (free with a student MaineCard) are available online at umaine.edu/spa or at the door. The play follows the strained, sexual relationship between Li'l Bit and her aunt's husband, Uncle Peck, from her adolescence through her teenage years into college and beyond. Using the metaphor of driving and the issues of pedophilia, incest and misogyny, the play explores the ideas of control and manipulation. "The subject matter of this play is something we would all rather avoid. Insidious as alcoholism and emotional abuse, pedophilia and incest are dark secrets in many families," says Marcia Douglas, a School of Performing Arts theatre faculty member who is directing the play. "Vogel handles this topic with humor and insight and leads her heroine to a place where forgiveness is possible. Can we learn to find compassion for the perpetrator while abhorring the act he commits? If Li'l Bit can do it then there just might be a way to stop the cycle that has been put into motion. This play is both touching and disturbing at once." Audiences will notice that the Cyrus Pavilion Theatre has been transformed into nearly a full theatre-in-the-round for this production. "I have chosen to stage this play in the round so that the audience is unable to look away from the complexity and pain of this family," Douglas says of the theatre's transformation. "This kind of staging puts each of us in the midst of the action rather than on the outside looking in as does the more typical picture-frame staging does. For me the play is about forgiveness and I am hoping the audience will come to a new understanding and appreciation of the possibility of hope." The roles of Li'l Bit and Uncle Peck are played by UMaine theatre majors Allison Smith and Greg Scot Mihalik, respectively. Smith describes the challenge of the role of Li'l Bit as "mind-opening." "It has helped me improve my craft in the arts, while also teaching me valuable lessons in resiliency and forgiveness," she says. Costumes for the show were designed by Kathleen Brown of the SPA. Scenic and lighting design were by SPA's Dan Bilodeau. Contact: Monique Hashey, (207) 581-4721 or monique.hashey@umit.maine.edu

Barbara Higgins Bodwell, 1923–2012

17 Oct 2012

University of Maine graduate Barbara Higgins Bodwell, who sponsored the Barbara Bodwell Volunteer Center at the University of Maine and with her husband, Russell Bodwell, was awarded UMaine's Stillwater Presidential Award in 2010, passed away Monday, Oct. 15., at her home in Orono. "Barbara Bodwell was an inspiration to all of us, but especially to UMaine students," UMaine President Paul Ferguson says. "Our Center for Service and Volunteerism bears

her name because of her passion for leading by example and giving selflessly to help others. Through the years, Barbara and Russell's commitment to their alma mater made UMaine a better place and will continue to make a difference in the lives of our students for years to come. Our thoughts are with Russell and the children. Their UMaine family shares in their loss." Bodwell, who was 89, graduated Phi Beta Kappa with a bachelor's degree in clothing design from UMaine in 1945, according to an obituary in the Bangor Daily News, and participated in a number of student and service activities. She married Russell Bodwell in March 1946, and returned to the University of Maine while he finished his degree and graduate work. While Russell Bodwell was finishing his degree and graduate work, Barbara Bodwell worked at Fogler Library cataloging graduate degree theses. The Bodwells were the recipients of the Block M Award for outstanding services through the Alumni Association of the University of Maine and received UMaine's the highest achievable award, the Stillwater Presidential Award, in 2010. Survivors include her husband of 66 years, Russell, a sister, two daughters and a son, and their grandchildren and great-grandchildren. Relatives and friends are welcome to support the family 6 p.m.-8 p.m. Thursday, Oct. 18, at Brookings-Smith, 133 Center St., Bangor, where a funeral service will be held 11:30 a.m. Friday, Oct. 19. The family invites relatives and friends to share conversation and refreshments at the Family Reception Center of Brookings-Smith after the service. Interment will be afterward at Ledgeawn Cemetery in Bar Harbor. In lieu of flowers, please make contributions to the University of Maine Foundation, Two Alumni Place, Orono, ME 04469. Contact: Jessica Bloch, (207) 581-3777

Intermedia Professor's Videos Being Featured on Seattle Talk Show

17 Oct 2012

University of Maine professor Owen Smith, director of the Intermedia MFA Program, will have his video presentation "8 Transitions: video event works" presented as part of a celebration of the 100th birthday of composer John Cage. The event will be held on Oct. 20 at the Pacific Northwest College of Art in Seattle. The Late Now talk show's "John Cage Centenary Special" will show Smith's work, a series of eight short video works that emanate from a challenge he gives students in his video art classes. The works are intended to function as visual event scores that draw on the Fluxus tradition of short haiku-like scores that are both instigations to action-performance and deceptively simple poetic meditations on the world we live in. For more information on the special episode with Smith's works, [visit the The Late Now show website](#). Contact: George Manlove, (207) 581-3756

Brewer Comments in Same-Sex Marriage Article

17 Oct 2012

University of Maine political scientist Mark Brewer was interviewed for [a Seacoastonline article](#) on the potential for passage of the same-sex marriage referendum facing Maine voters in November. Brewer said based on the grassroots campaigning by supporters, he thinks Maine will become the first state in the nation to endorse same-sex marriage at the ballot box. Contact: George Manlove, (207) 581-3756

Hill Interviewed for Channel 2 Heat Pump Report

17 Oct 2012

University of Maine professor emeritus of mechanical engineering Dick Hill was interviewed for a Channel 2 (WLBZ) report on the benefits and economic savings potential of heat pump technology. Hill said he expects to save money following his installation of a heat pump, but the pump does have a limited capacity, especially at very cold temperatures. Contact: George Manlove, (207) 581-3756.

TV Report on Marine Band Concert

17 Oct 2012

Chris White, the University of Maine director of bands, was interviewed for a [Channel 5 \(WABI\) report](#) on the "The President's Own" United States Marine Band's sold-out Oct. 16 performance at the University of Maine's Collins Center for the Arts. The concert was part of the band's 31-day tour. Contact: George Manlove, (207) 581-3756

Newspaper Advances Conference on Slow Food

17 Oct 2012

[The Bangor Daily News](#) carried an article announcing the ESTIA Conference on “Slow Food, a Model for Sustainable and Healthy Living,” which is being held Oct. 26–27 at UMaine’s Wells Conference Center. More than 20 speakers, including U.S. Rep. Chellie Pingree of Maine and several UMaine faculty members, will address topics such as understanding the slow food model, its contribution to sustainability, health benefits, viability in boosting the Maine economy and food policy as it relates to slow food. Contact: George Manlove, (207) 581-3756

Ellsworth American Notes Business Conference

17 Oct 2012

[The Ellsworth American newspaper’s website](#) has posted a University of Maine Cooperative Extension news release about the first Hancock County Business Conference and Trade Show scheduled in Ellsworth Nov. 1–2. Maine Gov. Paul LePage is scheduled to give the keynote address. Contact: George Manlove, (207) 581-3756

UMaine Homecoming Activities Fill Weekend

18 Oct 2012

The University of Maine has begun activities leading up to one of UMaine’s biggest celebratory events — the 2012 Homecoming Weekend, Oct. 19–21. Alumni will rejoin the campus community for barbecues, reunions and other special events, and the 100th home football game with archrival UNH on Saturday. A complete schedule of events is posted on the [UMaine Alumni Association website](#). Honored Reunion classes this year are the classes of 1972, 1977, 1982, 1987, 2002 and 2007. Weekend highlights include 7 p.m. men’s ice hockey games versus St. Lawrence University Friday and Saturday at the Alford; women’s ice hockey games with University of Connecticut at 2 p.m. Saturday and Sunday; and the annual UMaine-University of New Hampshire football rivalry at noon Saturday. The president of the victorious university traditionally assumes stewardship of the Brice-Cowell Musket until the 2013 UMaine-UNH game. Other activities include social events, awards, performances, campus tours, a road race, a “Stuff the Bus” food drive, tailgating and the Alumni Association Craft Fair & Maine Marketplace — one of the largest in northern New England with nearly 200 vendors offering a variety of Maine-made crafts — from 10 a.m. to 5 p.m. Saturday in the Field House and 10 a.m.-4 p.m. Sunday. A parade planned to go Saturday morning from downtown Orono to the UMaine campus was canceled Friday due to a rainy weather forecast. Contact: Jessica Bloch, (207) 581-3777

Small Business, Entrepreneurship Focus of Conference

18 Oct 2012

ELLSWORTH – The University of Maine Cooperative Extension is helping fuel the entrepreneurial spirit in Downeast-area business communities Nov. 1–2 with the first Hancock County Business Conference and Trade Show. Maine Gov. Paul LePage is scheduled to give a keynote address on Nov. 2. More than 100 representatives from area public- and private-sector businesses and business-development organizations are expected to participate and learn from one another about existing business-development resources that can be discussed and shared to strengthen the Downeast economy. Those resources include business expertise from the University of Maine, according to Louis Bassano, UMaine Extension regional small business educator and UMaine Extension professor, who is coordinating the conference with Jim McConnon, a UMaine Extension business and economics specialist and UMaine professor of economics. The conference, a governor’s regional conference on small business and entrepreneurship, opens Thursday, Nov. 1 with a preconference business after-hours reception hosted by Hancock County’s eight Chambers of Commerce from 5 p.m.–7 p.m. at the Ramada Inn at 215 High St. A full day follows at the Ramada on Friday, Nov. 2 with workshops, networking, panel discussions, exhibits and business assistance services. Workshop topics include family and micro-business development, business planning, financial management, workforce development, human resources

management and business regulations. Topics of local interest, including tourism, emerging trends in Hancock County, strategies for extending the tourism season, and why going “green” can be good for business also are on the schedule. LePage is scheduled to deliver the keynote address at 8:45 a.m. Friday, after welcoming remarks at 8:30 a.m. Registration, which starts at 7:30 a.m., is \$50 and includes a continental breakfast, lunch, snacks and conference materials. Participants can register in advance on a conference Web page. “The overall goal of the conference is to provide opportunities for success for Hancock County’s prospective and current small and micro-business owners,” says McConnon. “The university is looking to strengthen connections with the business community.” “It’s really an opportunity for business owners to tap into some of the university and other business-assist resources in the region,” Bassano adds. In addition to University of Maine Cooperative Extension, the Foster Center for Student Innovation and the School of Economics’ Knowledge Transfer Alliance are two other UMaine programs participating in the conference. The College of the Atlantic, Husson University and the University of Maine at Augusta also are involved. Bangor Savings Bank is the major sponsor for the event, assisted by the City of Ellsworth, the Maine Community Foundation and the Tri-County Work Force, which supports Hancock, Washington and Penobscot counties. For additional details, including a complete list of event schedules, presenters and exhibitors, visit the conference website or call Tara Wood of UMaine Extension at 1-800-287-1542 (in state) or (207) 255-3345. Contact: Tara Wood, 1-800-287-1542 instate or (207) 255-3345; George Manlove, (207) 581-3756

University of Maine Co-Hosting 2012 Northeast Region Student Dairy Challenge

18 Oct 2012

WATERVILLE – More than 120 undergraduate animal and dairy science majors from 14 colleges throughout the Northeast U.S. and Canada will put their dairy farm knowledge to the test at the 2012 Northeast Regional Dairy Challenge Nov.1–3 at the Best Western Plus Waterville Grand Hotel. The Northeast Regional Dairy Challenge, being held in Maine for the first time, is cosponsored by the University of Maine Cooperative Extension and the Maine Department of Animal and Veterinary Sciences. David Marcinkowski, associate professor and UMaine Extension dairy specialist, is host coordinator and lead organizer for the event. Teams of five students will evaluate a nearby dairy farm and make management recommendations, including ways to save money or maximize profits, to farm owners and a panel of judges. Participating farms — Stonyvale Farms, The Wright Place and Piper Hill farm — will open their barns and farm records to students for analyses. Judges will grade the teams on presentation skills, farm analysis and recommendations. UMaine students in animal and veterinary sciences or economics programs have attended both regional and national NAIDC competitions since 2004. “This is a tremendous event that tests student knowledge, observation skills, problem-solving ability and presentation skills,” says Marcinkowski. “In addition, we will have more than 70 industry sponsors, judges, coaches and dairy producers at the event.” The regional challenge is a three-day event that’s part of the North American Intercollegiate Dairy Challenge (NAIDC). In addition to the competition, the event will include a technology seminar for local dairy producers led by some of the dairy industry sponsors and researchers who will be at the dairy challenge. For more information about the event, contact David Marcinkowski at (207) 581-2740 or 1-800-287-7170 in-state. Contact: George Manlove, (207) 581-3756

Mitchell Center Assists in Adirondack Mercury Detection

18 Oct 2012

Sarah Nelson, a researcher with the University of Maine Mitchell Center for Environmental and Watershed Research, was interviewed for an article in the upstate New York [North Country Now newspaper](#) about UMaine research in the use of dragonfly larvae as bio-sentinels for mercury in lakes and streams in the Northeast. The Adirondack Lakes Survey Corporation recently completed collections of larvae in acid-rain sensitive waters. The Mitchell Center is working with the UMaine School of Forest Resources, the UMaine-based Maine Sea Grant and other researchers. Nelson said the research aims to reveal which types of watersheds seem to have greater mercury levels. Contact: George Manlove, (207) 581-3756

Channel 7 Reports on SPIA Lecture on Terrorism

18 Oct 2012

[Channel 7 \(WVII\)](#) carried a report on the Oct. 17 presentation at UMaine by retired CIA strategist Bruce Riedel on the status of the United State's progress and upcoming challenges in combating terrorism. Riedel said Saudi Arabia and Algeria are among the countries susceptible to social upheaval resulting from Arab unrest. The talk was sponsored by the UMaine School of Policy and International Affairs. Contact: George Manlove, (207) 581-3756

News Reports CCA Performance Cancellation

18 Oct 2012

[The Bangor Daily News](#) was among several news organizations to report the sudden cancellation of the Oct. 17 Collins Center for the Arts event "The Price Is Right – Live!" Adele Adkins, associate director of UMaine's Collins Center, told the BDN there was a production issue that couldn't be fixed. According to the story refunds were made available Wednesday night for credit card holders and can be obtained at the ticket office or by calling 581-1755 between 9 a.m. and 4:30 p.m., Monday–Friday, and cash and check purchases will be refunded automatically by mail. Contact: Adele Adkins, (207) 581-1803

Newspaper Advances 'How I Learned to Drive'

18 Oct 2012

[The Maine Edge newspaper](#) published an advance on the University of Maine School of Performing Arts' upcoming theatrical production, "How I Learned to Drive." Marcia Douglas, a theatre faculty member and director of the play, told the paper the play is both touching and disturbing because of its theme and content. [A campus announcement](#) has more information. Contact: George Manlove, (207) 581-3756

2012 Maryann Hartman Award Winners Announced

19 Oct 2012

The University of Maine's Women in the Curriculum and Women's Studies Program has announced the four recipients of the 2012 Maryann Hartman Awards, an annual recognition of women whose work inspires others and raises awareness of contemporary women's accomplishments. The awards ceremony is scheduled from 5 p.m. to 7:30 p.m. Tuesday, Oct. 30 at UMaine's Buchanan Alumni House. It is a free and public event, but prior registration is requested by calling Women in the Curriculum and Women's Studies Program at (207) 581-1228. This year's Hartman Awards recipients are Colby College professor Jennifer Finney Boylan, recognized for her creative writing and courageous transgender activism; Elinor Goldberg, former executive vice president of the Maine Children's Alliance in Augusta, for her service to children; and Merlene Sanborn, former director of the Penquis Higher Education Center at Eastern Maine Community College and now associate academic dean at EMCC, for her work to develop employment-related education in the Penquis region. JoAnn Bourque of Bangor will receive the Young Women's Social Justice Award for her work on food insecurity in the Bangor area and on teen suicide. She is a June 2012 Bangor High School graduate and is an Eastern Maine Community College student. A teacher and scholar in speech communication at the University of Maine, Maryann Hartman was considered by friends and associates as an advocate, friend, mother and a woman of courage and vitality. Hartman died of cancer in 1980 at age 53. The awardees were chosen by a committee chaired by Mazie Hough, associate director of the program. Contact: Ann Schonberger or Mazie Hough (207) 581-1228

UMaine Football Game Featured on NCAA Website

19 Oct 2012

The University of Maine football team's Homecoming game Saturday against the University of New Hampshire was featured Thursday on the NCAA website. The website noted the Black Bears and Wildcats are playing each other for the 100th time — the longest running rivalry in UNH history. The teams play annually for the Brice-Cowell Musket, named after former UMaine coach Fred Brice and former UNH coach William Cowell. Saturday's game starts at noon. Contact: Jessica Bloch, (207) 581-3777

Kinghorn Nominated for Fusion Award

19 Oct 2012

George Kinghorn, director and curator of the [University of Maine Museum of Art](#), is one of three nominees for a [Fusion Bangor](#) 2012 Leadership and Vision Award recognizing a Bangor-area resident who has made a positive impact on the Bangor region. Kinghorn, who also is president of the Downtown Bangor Partnership, has long supported downtown events and the Art Walks, according to Fusion. He consistently uses the arts as a way to enhance young professionals to live and work in Bangor, and through his many roles, has made “a true impact on the quality of life in our community,” the organization said in an announcement. The winner will be announced at the Fusion Bangor annual awards celebration from 6 p.m. to 9 p.m., Nov. 15 at the Bangor Waterfront. Contact: George Manlove, (207) 581-3756

L.L. Bean Bootmobile Coming to UMaine Oct. 20

19 Oct 2012

As part of its 100th anniversary celebration and Northeast college tour, L.L. Bean’s Bootmobile will visit the University of Maine on Saturday, Oct. 20 to participate in UMaine’s Homecoming parade from Orono High School to the campus. The vehicle, a 13-foot high by 20-foot long replica of the L.L. Bean iconic Maine hunting shoe, will be parked from 9:45 a.m. to 1 p.m. outside the New Balance Student Recreation Center, where visitors will have a chance to win a prize package that includes outdoor gear and apparel. The parade leaves from Orono High School at 8:30 a.m. Contact: George Manlove, (207) 581-3756

News Reports Explain CCA Event Cancellation

19 Oct 2012

[The Bangor Daily News](#) and [Channel 2 \(WLBZ\)](#) were among the news organizations to report that the inadvertent omission of a disclaimer about potential game contestants and tickets led to the abrupt cancellation Oct. 17 of “The Price is Right – Live!” at UMaine’s Collins Center for the Arts. CCA Director John Patches was interviewed for both reports. Contact: George Manlove, (207) 581-3756

Report Notes UMaine’s Abbott Joining Marriage Coalition

19 Oct 2012

An Associated Press report posted on the Boston Globe website about new members of Republicans United for Marriage noted that UMaine athletic director Steve Abbott has joined the group in support of same-sex marriage. Maine voters will decide Nov. 6 whether the state will recognize and allow same-sex marriage. Maine Public Broadcasting Network also carried the report. Contact: George Manlove, (207) 581-3756

UMaine Students Interviewed for MPBN School Loans Report

19 Oct 2012

Several University of Maine students were interviewed for a [Maine Public Broadcasting Network report](#) on student loan debt and the prospect of being unable to make payments after they graduate if they cannot find jobs. Music education majors Paul Griffin and Stephanie Beatrice and business and marketing major Sarah Faulkingham said they are already concerned about their mounting school loan debts, which likely will exceed \$20,000 or even \$30,000. Contact: George Manlove, (207) 581-3756

Windpower Website Reports UMaine Research Partnership

19 Oct 2012

[The North American Windpower website](#) reported on a new collaboration with the University of Maine Advanced Structures and Composites Center and the university's Physical Oceanography Group and NRG Systems Inc., AWS Truepower LLC, and Leosphere SAS to create and deploy laser-based technological equipment off the Maine coast to monitor wind conditions. UMaine will design and build a floating system to house a modified WINDCUBE v2 LIDAR remote sensor that's been adapted to a dynamic marine environment, the article said. The monitoring is part of research and development for a floating offshore wind turbine pilot project scheduled for 2013. Contact: George Manlove, (207) 581-3756

UMaine Marine Scientist in NYT Iron Fertilization Article

19 Oct 2012

Comments from University of Maine marine scientist Mark Wells were included in a [New York Times science blog](#) about a California businessman who undertook his own ecological experiment, dumping 100 tons of iron dust into the Pacific Ocean in an attempt to create a plankton bloom to biologically remove carbon dioxide from the water and aid the recovery of the local salmon fishery. Scientists and government officials are outraged over the incident, the article said. Wells said what the businessman did "could be described as ocean dumping" and the experiment was "extraordinarily unlikely" to be successful. Contact: George Manlove, (207) 581-3756

Homecoming Parade Canceled

19 Oct 2012

The scheduled Blue Skies Ahead parade that was to be held in conjunction of University of Maine Homecoming on Saturday has been canceled due to the rainy weather forecast. The Munson Road entrance to campus that was scheduled to be closed Saturday morning during the parade will now be open. [Visit the University of Maine Alumni Association website](#) for a complete schedule of activities. Contact: Jessica Bloch, jessica.bloch@umit.maine.edu

UMaine, ESTIA Hosting Conference on Slow Food

22 Oct 2012

The University of Maine and ESTIA, a nonprofit and nongovernmental organization based in Maine dedicated to the protection of cultural and biological diversity, will host the 9th Annual ESTIA Conference on "Slow Food: A Model for Sustainable and Healthy Living." Interest in the concept of Slow Food has grown in recent years as more people seek to understand the value of local, in-season and organic food that boosts the local economy while protecting the environment. The conference will be held 6 p.m.–9:30 p.m. on Friday, Oct. 26, and 8 a.m.–5 p.m. on Saturday, Oct. 27. Events will be held both days at UMaine's Wells Conference Center. The conference will address various topics such as understanding the Slow Food model and its contribution to sustainability, its health benefits and its viability in boosting Maine's economy. The conference will also explore food policy as it relates to Slow Food and present success stories from Maine institutions and businesses. More than 20 speakers from local, state and national organizations will explore different aspects of Slow Food. Roger Doiron, the founder of Kitchen Gardeners International, will give the keynote address at 7:15 p.m. on Oct. 26. Doiron led the successful campaign for a kitchen garden at the White House, earning him the Hearst Media's "Heart of Green" Award as one of the 10 most inspiring people in sustainable food. Carlo Petrini, the founder of the International Slow Food movement, will greet conference attendees via video. U.S. Rep. Chellie Pingree of Maine, a member of the House Agriculture Committee and a national voice for local, sustainable farming, will deliver a talk titled "Food Policy — Incorporating the Slow Food Model into the Maine Economy." Other speakers include Walt Whitcomb, commissioner of the Maine Department of Agriculture, Conservation and Forestry; Mark Lapping, executive director of the University of Southern Maine's Muskie School of Public Service; and Russell Libby, executive director of the Maine Organic Farmers and Gardeners Association. The conference fee, which includes local, in-season and organic food, is \$40 (\$50 on-site registration) and \$25 (\$30) for students. The registration deadline is Monday, Oct. 15. For more information, contact Gregory Edwards, ESTIA treasurer, at 716 Union Street, Bangor, Maine, 04401 or email estiamaine@gmail.com. Contact: Dorothy Klimis-Zacas, (207) 581-3124 or dorothy.klimis.zacas@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

UMaine Center in Partnership to Gather Deepwater Offshore Hub Height Wind Measurements in the Gulf of Maine

22 Oct 2012

The University of Maine's Advanced Structures and Composites Center, NRG Systems, Inc., AWS Truepower LLC, UMaine's Physical Oceanography Group, and Leosphere SAS have established a research and development partnership to gather deepwater hub-height wind measurements in the Gulf of Maine. UMaine will design and build a floating system to house a modified WINDCUBE v2 Offshore LIDAR Remote Sensor, which has been adapted to a dynamic marine environment. The floating system, which incorporates a proven LIDAR (light detection and ranging) system that detects wind conditions using laser technology up to 200 meters above the ocean surface, is based on buoy technology developed and tested by UMaine's Physical Oceanography Group over the past decade in the Gulf of Maine and abroad. AWS Truepower will conduct a validation campaign to validate the data collected by the floating system. The buoy is scheduled for deployment in 2013 at the UMaine Deepwater Offshore Wind Test Site, an offshore wind and marine hydrokinetic device test site operated by the Advanced Structures and Composites Center and located 10 miles off the coast of Maine, near the island of Monhegan. "This partnership between the UMaine and our private industry leaders will advance resource assessment technology and will help propel the U.S. forward in deepwater offshore wind technology development," said Habib Dagher, director of the Advanced Structures and Composites Center, a research and development facility at UMaine. "Floating LIDAR technology, once fully validated, will provide us with a cost-effective method to assess the wind resource in areas traditionally off-limits to offshore wind developers." With funding from the Maine Technology Institute and the U.S. Department of Energy, UMaine's Advanced Structures and Composites Center is leading this effort to enable cost-effective measurements hub-height winds in deepwater where fixed-based towers are not feasible. The center is actively developing and testing innovative floating wind turbines for deployment in deepwater. The center's floating foundation design, scheduled to deploy in 2013, will be the first grid-connected floating offshore wind turbine in the United States. For more information, visit composites.umaine.edu and DeepCwind.org. NRG Systems is an independently-owned company that has served the global renewable energy industry for 30 years. Its measurement equipment, turbine health monitoring systems, and LIDAR remote sensors can be found in 150 countries on every continent, serving electric utilities, renewable energy developers, turbine manufacturers, consultants and research institutes. For more information, visit nrgsystems.com. AWS Truepower is one of the world's leading providers of renewable energy solutions to developers, investors, utilities, and governments. For more information, visit awstruepower.com. Contact: Elizabeth Viselli, (207) 581-2831; Jessica Bloch, (207) 581-3777

Research in Belize Leads to Revised Timeline of Ancient City's History

22 Oct 2012

Dating the growth and decline of cities of ancient Maya civilization is complicated, particularly when hieroglyphic texts are either absent or too eroded to decipher. In such cases, researchers must rely on construction histories and ceramics deposits to measure change. The ancient city of La Milpa, Belize, is no exception. In its heyday during the late eighth to early ninth centuries A.D., La Milpa was believed to have been a Maya city with political power and influence. It was also believed that the site was rapidly abandoned in the early ninth century prior to the completion of several construction projects. New research, however, shows La Milpa may have built up more gradually and declined slower than previously understood, leading researchers, including University of Maine anthropologist Gregory Zaro, to believe this city persisted generations longer than first thought. Zaro and co-author Brett Houk of Texas Tech University, who published their findings in the journal *Ancient Mesoamerica*, found evidence that La Milpa persisted into the 10th century. Their revised chronology, anchored largely to new radiocarbon dates and the presence of ceramics known to have been produced very late in Classic Maya civilization, has implications for previous models of ancient Maya population growth, decline, and ultimately the collapse of Classic Maya civilization in the eastern Petén region of Guatemala and Belize. "The investigation of ancient urban landscapes, in the Maya region and elsewhere, generates comparative information for contemporary urban life around the world," Zaro says. "Such studies provide insight into the growth and evolution of urban life, its resilience to cultural and environmental forces of change, and ultimately collapse. Because archaeology deals with timescales stretching thousands of years into the past, ancient cities provide natural laboratories to unravel past human responses to processes that continue to challenge society today." The

researchers' findings are based on excavations and examinations of La Milpa's built environment. Such construction histories in ancient Maya civilization are useful in determining characteristics like labor appropriation and history. Data from their research in the site's monumental core show La Milpa has much more pronounced Late Preclassic occupation (an era that lasted from about 400 B.C. to about 250 A.D.) that extended into the southern part of the core. And although its greatest expansion did occur during the late eighth to early ninth centuries, it appears there was a more gradual buildup prior to large-scale Late Classic construction (600 A.D.–800/850 A.D.) than previously understood. In addition, excavations showed rooms that were left in a clean state, void of any artifacts, indicating an orderly, prolonged departure rather than a steep decline. Zaro and Houk suggest this evidence, combined with the construction time line, indicates a persistence in the presence of elite society into the 10th century, despite the waning of political power. Zaro's and Houk's research also unexpectedly uncovered a Late Preclassic platform in La Milpa's southern plazas that represents the only one of its kind and era at the site outside the northern plaza. If the construction time line is consistent with other buildings in the southern section of the site, the authors wrote, then La Milpa's monumental core area would have been larger during the Late Preclassic period. Contact: Jessica Bloch, (207) 581-3777

Preparing the Garden

22 Oct 2012

[Click here to view "Preparing the Garden" video on YouTube.](#)

Home Energy Savings

22 Oct 2012

[Click here to view "How to Save on Home Energy and Heating Costs During Maine Winter" video on YouTube.](#)

Lectures on Protest Movements, Labor Power Oct. 25

22 Oct 2012

The University of Maine's 2012 Annual Howard B. Schonberger Peace and Social Justice Lecture on Thursday, Oct. 25 will feature Frances Fox Piven, author and distinguished professor of political science and sociology at the Graduate Center of the City University of New York, who will present "How Protest Movements Change American History" at 7:30 p.m. in Room 100 of D.P. Corbett Hall. She will speak earlier in the day, from 12:30 p.m. to 1:45 p.m., in the Bangor Room of the Memorial Union, on "Does Labor Power Matter: Why the Past Doesn't Predict the Future," as part of the university's Socialist & Marxist Studies Series. Both presentations are free and open to the public. Piven's scholarship and activism have focused on social movements, electoral politics and welfare policy. In 1966, she helped found the National Welfare Rights Organization, a grassroots organization of welfare recipients, and has served on the boards of the American Civil Liberties Union and Democratic Socialists of America. She also helped create HumanSERVE, an organization that encouraged making voter registration easier. Piven, who has published more than a half dozen books in her field of expertise, is being brought to UMaine under the sponsorship of the Howard Schonberger Memorial Lecture Fund, the Department of History and the Women in the Curriculum and Women's Studies Program. The annual Howard B. Schonberger Memorial Lecture fund was created in 1991 to honor the scholarship and activism of it namesake, a well-known political activist and history professor at the University of Maine. Contact: George Manlove, (207) 581-3756

Cranberry Article Cites UMaine Extension Yield Estimate

22 Oct 2012

[An article in the Bangor Daily News](#) about a Washington County cranberry farm and the market options for cranberries noted that the University of Maine Cooperative Extension has estimated this year's harvest will be good with a yield of about 2.5 million pounds, which is better than last year's harvest of 2.4 million pounds. Contact: George Manlove, (207) 581-3756

Pest Management Program in Newspaper Report

22 Oct 2012

An interview with University of Maine Cooperative Extension pest management specialist Jim Dill was the basis for a [Maine Sunday Telegram gardening column](#) about dealing with pest insects without pesticides. Dill explained UMaine Extension's [Green Bug Education Program](#), part of UMaine Extension's Integrated Pest Management Program, which helps people deal with pests without using unnecessary pesticides. Contact: George Manlove, (207) 581-3756

Channel 5 Reports on Sorority's Homecoming Fundraiser

22 Oct 2012

Channel 5 (WABI) reported on a fundraising walk organized by UMaine's Alumni Chapter of Delta Zeta sorority during Homecoming Weekend. Proceeds from the Hike for Hearing walk will benefit audiology services at the Warren Center in Bangor. Heidi Wurlpel, the president of Delta Zeta, was interviewed for the story. Contact: George Manlove, (207) 581-3756

UMaine Extension Services Noted in Report on State Contracts

22 Oct 2012

[An article in the Maine Sunday Telegram](#) about how new state government policies on contracts for intellectual services such as research and training are affecting the state's public universities noted that a \$3.5 million contract for providing nutritional education to food-stamp recipients, which went to the private University of New England, resulted in the loss of more than 40 jobs, including 16 at the University of Maine Cooperative Extension. Contact: George Manlove, (207) 581-3756

National Education Magazine Features UMaine Student Project

22 Oct 2012

A UMaine research project was noted in an [Inside Higher Ed article](#) about a Florida meeting of prevention educators. The story included information about a project by former UMaine graduate student Molly Schenck, who wrote and directed a play, "It's Not that Simple," in 2008. She resurrected the dance-theater-new media performance again in 2011 as a capstone research project at UMaine, and surveyed members of the audience, cast and crew before and after the performance to see how their perceptions of sexual assault changed. Perceptions had changed remarkably for the better, said Schenck, who is now a student success coordinator at Arizona State University. Contact: George Manlove, (207) 581-3756

Political Scientist in Globe Report on Same-Sex Marriage

22 Oct 2012

UMaine political scientist Mark Brewer was quoted in [a Boston Globe story](#) about the coming vote on Question 1, which seeks to legalize same-sex marriage in Maine. Brewer discussed the phenomenon of what is known as the "social desirability effect," with people who say they are undecided on an issue being likely to give a politically correct answer when asked how they are leaning. Still, he added, a coordinated grass-roots effort this year may have caused opinion change since Maine's 2009 vote rejected same-sex marriage. Brewer was also in [a Seacoast Online editorial](#) in which he said the pro same-sex marriage group Mainers United for Marriage has been very visible on campus this fall. Contact: Jessica Bloch, (207) 581-3777

Economist Noted in Story on Creativity and Cities

22 Oct 2012

[In a story on The Atlantic Cities website](#), UMaine economist Todd Gabe was mentioned as having researched how workers in three broad types of jobs — knowledge-based creative class jobs (in science and technology; business and the professions; and arts, design media, and entertainment) lower-skill routine service jobs (in food preparation and retail sales for example), and routine working-class jobs (in manufacturing, transportation and construction) — have fared since the apex of the economic crisis. Contact: Jessica Bloch, (207) 581-3777

University of Maine Cooperative Extension Faculty Available For Seasonal Stories

23 Oct 2012

University of Maine Cooperative Extension experts around the state are available to discuss several seasonal story ideas for news reporters, ranging from putting the garden to bed for the winter, buttoning up and weatherizing the house, whether to bother raking leaves and Halloween food safety precautions and safe, fun and creative activities for children. Gardening and Lawn Care Barbara Murphy, University of Maine Cooperative Extension educator in South Paris who oversees the growing Maine Harvest for Hunger program, can report on the status of this year's yield for food banks and shelters. Murphy, also a gardening expert, can advise how to put the garden to bed for the winter. She discusses the topic in [an online video](#), and in a [YouTube video](#), she discusses whether raking leaves in the fall makes sense. She can be reached at (207) 743-6329. In the Bangor area, UMaine Extension educator and horticulturist Kate Garland (942-7396) also can discuss late-season yard care. UMaine Extension educator and fruit tree specialist Renae Moran (933-2100) in Monmouth can discuss proper seasonal fruit tree pruning. Halloween Activities for Kids Lisbon Falls-based Kristy Ouellette, UMaine Extension educator for 4-H Youth and Family Development, is available to offer creative, safe and novel Halloween activities ideas for children. Orono-based Kate Yerxa (324-3109), a UMaine Extension educator for nutrition and physical activity, can discuss the subject as well. Economics of Halloween Jim McConnon, UMaine Extension educator, small business specialist and professor of economics, is available to discuss the importance of Halloween sales to the Maine economy. According to the National Retail Federation (NRF), Halloween is one of the biggest holidays from an economic perspective. Consumers nationally plan to spend almost \$80 apiece this year on Halloween, totaling some \$8 billion, according to the NRF. McConnon can be reached in Orono at 581-3165. Buttoning Up for Winter Kathy Hopkins, UMaine Extension educator in Skowhegan, discusses in [a video](#) saving energy with inexpensive solutions for insulating windows. She can be reached at (207) 474-9622. In addition, as outdoor pests and insects look to find a warm place to winter over, UMaine Extension educator and pest management specialist Jim Dill is available in Orono at 581-3879 to discuss methods of discouraging or preventing bugs from getting inside the house. Fall and Halloween Food Safety UMaine Extension educators Beth Calder, a food science specialist, and Jason Bolton, UMaine Extension's food safety state educator, in the Bangor-Orono areas can discuss consumer food safety concerns, from treats collected on Halloween to harvest suppers. They discuss holiday food safety tips for consumers in a [YouTube video](#). Storing the Pumpkin Harvest UMaine Extension educator and vegetable specialist Mark Hutton is available at 933-2100 at Highmoor Farm in Monmouth to explain the best ways to harvest and preserve pumpkins, which if cured correctly can be kept for a year after picking, he says in a [YouTube video](#). Contact: George Manlove, (207) 581-3756

UMaine Hosting Evening of Chemistry for High School Students

23 Oct 2012

Clean water will be the theme of the third annual ChemFest community outreach program Thursday, Oct. 25 at Aubert Hall at the University of Maine. As many as 100 area high school students and their teachers are expected to attend from 4:30 p.m. to 8 p.m. for an evening of creative chemistry demonstrations designed to engage and educate high school students on some fundamental chemical properties. Hosted by the Department of Chemistry's student chapter of the American Chemical Society (ACS), the evening includes dinner and three mini-talks focusing on clean water. Speakers are Cary James, teacher and department chair at Bangor High School, and UMaine graduate students Finley Richmond and Jim Killarney. The event is part of the university's celebration of National Chemistry Week. Contact: George Manlove, (207) 581-3756

UMaine Greens Plan Food Day Celebration Oct. 24

23 Oct 2012

UMaine Greens, a new student group that will manage the University of Maine greenhouse for winter greens production and student research on campus, invites students and the campus community to a Food Day event from noon to 4 p.m., Wednesday, Oct. 24 in the gardens near the Littlefield Nursery behind the University Credit Union on Rangeley Road. The purpose is to introduce UMaine Greens and celebrate the new student-managed hoop greenhouse. UMaine Greens, a student unified fees project through the College of Natural Sciences, Forestry, and Agriculture, offers students a chance to learn about vegetable growing and season-extension during the school year. The event is free and public. Contact: Farlin Black, farlin.black@umit.maine.edu or Eric Gallandt, (207) 581-2933

SPA Presenting Women Composers Program Oct. 24

23 Oct 2012

The University of Maine School of Performing Arts is presenting an evening of performance featuring the works of celebrated and lesser-known women composers at 7:30 p.m., Wednesday, Oct. 24 in Minsky Recital Hall in Class of 1944 Hall. Works by Hildegard of Bingen, Fanny Mendelssohn Hensel, UMaine professor of music Beth Wiemann, Ellinor Peterson, Madeleine Dring and others are on the program, which also will feature the Athena Consort, Euphony, Renaissance, and faculty and students from the [School of Performing Arts](#). Tickets are \$9 and available at the door or at the Collins Center for the Arts. Students may attend free with a MaineCard. Contact: George Manlove, (207) 581-3756

UMaine Representatives Invited to Discuss Bond Issues at Chamber Event

23 Oct 2012

University of Maine Cooperative Extension Executive Director John Rebar and UMaine economist Todd Gabe will be part of a Bangor Region Chamber of Commerce Early Bird Breakfast panel discussion Wednesday morning about bond issues and the upcoming election. Bond Question 2 includes funding for a proposed animal, plant and insect diagnostic laboratory at UMaine along with new machine tool technology for community colleges. Rebar will provide educational information on the work being done at UMaine and what a proposed new diagnostic facility would mean for UMaine. Gabe will discuss the general economic impact of bonds. George Hale of WVOM (103.9 FM in Bangor, 101.3 FM in Augusta) will conduct live interviews with several of the panelists, who also include Dana Connors of the Maine State Chamber and Bob Ziegelaar of the Action Committee of 50, between 7 a.m. and 7:30 a.m. The breakfast event will be held 7 a.m.–9 a.m. at the Spectacular Event Center in Bangor. Tickets are \$17 for chamber members and \$22 for nonmembers. Go to http://www.bangorregion.com/feed.php?num=&news_id=190&feed_id=2 for more information. Contact: Jessica Bloch, (207) 581-3777

News Report on Kennedy Funds Return

23 Oct 2012

[The Bangor Daily News](#) published a Hartford Courant article about former University of Maine President Robert Kennedy, who recently resigned as president of the Connecticut Board of Regents for Higher Education, returning \$25,000 in what was described as an unvouchered expense account. Kennedy resigned earlier this month in the midst of a controversy over improperly approved staff salary raises. Contact: George Manlove, (207) 581-3756

Klein in Report on Families of Kennebunk Offenders

23 Oct 2012

Renate Klein, an associate professor of human development and family studies at the University of Maine, was interviewed for a [Bangor Daily News article](#) on how the families of clients of accused prostitute Alexis Wright in Kennebunk might cope with the fallout of a family member being implicated. Klein said the question of whether names of remaining clients should be made public is debatable, but those who keep the use of a prostitute a secret are betraying

their families. She questioned whether an open discussion about the issue or keeping a secret was better or worse for a family. Contact: George Manlove, (207) 581-3756

Newspaper Features New UMaine Class on Science of Beer

23 Oct 2012

Two University of Maine faculty members were interviewed for a [Bangor Daily News article](#) about a new UMaine class that examines the science of brewing beer. Brian Perkins, a laboratory director and research assistant professor with UMaine's Department of Food Science and Human Nutrition, and Jason Bolton, a food safety educator and assistant Extension professor of food safety with the University of Maine Cooperative Extension, are preparing a class for the spring 2013 semester that will delve into the science behind what makes beer. The newspaper website posted a short video on the topic. Contact: George Manlove, (207) 581-3756

Douglas Interviewed about Student Production

23 Oct 2012

Marcia Douglas, [UMaine School of Performing Arts](#) (SPA) professor of theater and director of the student production "How I Learned to Drive," which is being performed at the Cyrus Pavilion, [was interviewed for a Channel 7 \(WVII\) report](#). Douglas said the adult content of the play could put off some members of the audience, but the issues the play explores are important. A schedule of performances is on the [SPA website](#). Contact: George Manlove, (207) 581-3756

Improving Educational Outreach

22 Oct 2012

Enhancing community educational presentations with peer discussion, clicker technology Clicker technology and peer discussion — two educational tools typically used in school and college classrooms — have positive results when used in educational outreach for adults in the community, according to a new study led by researchers at the University of Maine. The study was conducted with Maine blueberry growers who attend annual University of Maine Cooperative Extension presentations on subjects ranging from plant disease prevention to pest monitoring and management. This year, to make the informal science education sessions of the Blueberry School more interactive and to promote learning, clicker questions and peer discussion were introduced. The results of this study show that older adults in informal science settings respond to clicker technology and peer discussion in a manner similar to that exhibited by undergraduates in more formal settings. In particular, more blueberry growers gave correct answers to multiple-choice questions after peer discussion than when answering independently, similar to what has been shown at the college undergraduate level. An important finding was that 42 percent of growers who answered the individual clicker question incorrectly went on to answer correctly following peer discussion. The research team of Seanna Annis and Frank Drummond from UMaine and Jennifer Kaplan at the University of Georgia, led by Michelle Smith, a UMaine assistant professor of biological sciences, also looked at the demographics of the growers, including their diverse educational backgrounds. Notably, there were no significant effects of any of the demographic classifications, including education level, age, sex, etc., on how the growers responded to the use of clickers and peer discussion. Taken together, the results suggest that clicker questions and peer discussion can be used with adults with diverse demographic backgrounds without disadvantaging a subset of the population. In addition, the study found that the growers scored lower on questions pertaining to information presented in graphs, which will inform future Blueberry School presentations by the UMaine faculty. "Given that many adults have a distrust of science, it is imperative that university faculty not only transform formal university education, but also work to improve informal science education," according to the researchers, writing in the journal PLOS ONE. Contact: Michelle Smith, 207-581-2604

Earth Scientist Gerbi Named Kavli Fellow

24 Oct 2012

University of Maine School of Earth and Climate Sciences associate professor Christopher Gerbi has been selected a

Kavli Fellow of the National Academy of Sciences. He participated in the 2012 Chinese-American Symposium, which was held Oct. 12–14 in Irvine, Calif., and will serve as an organizer of the 2014 Chinese-American Symposium to be held in China. Gerbi's research is in the field of tectonics, with a focus on the mechanical properties of the continental crust. The program is sponsored by the Kavli Foundation, which supports scientific research, honors scientific achievement, and promotes public understanding of scientists and their work. The National Academy of Sciences' Kavli Frontiers of Science symposia bring together outstanding young scientists to discuss advances and opportunities in a broad range of disciplines. U.S. symposium participants are selected from among recipients of prestigious fellowships, awards, and other honors, as well as from nominations by NAS members and other participants. In addition to learning about research at the frontiers of fields other than their own, the program is intended to create a network of connections that can be maintained as participants advance in their careers. Since its inception, 136 program alumni have been elected to the NAS and eight have won Nobel Prizes. Contact: Jessica Bloch, (207) 581-3777

Ecologist Featured in National Geographic Video

24 Oct 2012

Rhian Waller, a deep-sea and polar ecologist at the University of Maine who studies deep-sea corals, [was featured in a video](#) on the website of the National Geographic Society, which helped fund Waller's recent research trip to Chile. Waller discussed the phenomenon of deep-water emergence, or areas where animals normally found at deep-sea depths are living in much more shallow levels than their usual distribution, allowing scientists to study the animals with more ease. Due to this phenomenon, Waller said in the video, she was recently able to collect during a dive in Chile a trove of coral samples. Waller also has funding from the National Science Foundation and National Oceanic and Atmospheric Administration. Contact: Jessica Bloch, (207) 581-3777

UMaine CCIDS Presenting 20th Anniversary Lecture, Celebration

24 Oct 2012

The University of Maine Center for Community Inclusion and Disability Studies (CCIDS) is celebrating its 20th Anniversary on Thursday, Nov. 1 at Buchanan Alumni House. The celebration begins at 2:30 p.m. and is open to the public. Stephen T. Murphy, Ph.D., author of "Voices of Pineland: Eugenics, Social Reform, and the Legacy of 'Feeble-mindedness' in Maine," will deliver the 20th Anniversary Distinguished Lecture. Copies of Murphy's book will be available for purchase and Murphy will hold a book signing following the lecture. [The CCIDS website](#) has additional information. Contact: George Manlove, (207) 581-3756

Health, Science Websites Post UMaine Muscular Dystrophy Research Article

24 Oct 2012

The health and science websites [Medical Xpress](#) and [Science Codex](#) have posted articles about a University of Maine biological science research team's discovery that might some day help people with degenerative muscular dystrophies. Clarissa Henry, associate professor of biological sciences, and Ph.D. student Michelle Goody discovered that boosting the activity of a vitamin-sensitive cell adhesion pathway has the potential to counteract the muscle degeneration and reduced mobility caused by muscular dystrophies. The research was first reported Oct. 23 in the [open access journal PLOS Biology](#). [A PLOS Biology blog](#) also discusses the implications of the research. Contact: George Manlove, (207) 581-3756

Magazine Reports Offshore Wind Monitoring Collaboration

24 Oct 2012

WindTECH International has posted on its website a report on a new collaboration with the University of Maine Advanced Structures and Composites Center and the university's Physical Oceanography Group and NRG Systems Inc., AWS Truepower LLC, and Leosphere SAS to create and deploy laser-based technological equipment off the Maine

coast to monitor wind conditions. UMaine will design and build a floating system to house a modified WINDCUBE v2 LIDAR remote sensor that's been adapted to a dynamic marine environment, the website reported. The monitoring is part of research and development for a floating offshore wind turbine pilot project scheduled for 2013. Contact: George Manlove, (207) 581-3756

Coverage of Court Decision on 2011 Hit-and-Run Conviction

24 Oct 2012

[The Bangor Daily News](#) reported on the Maine Supreme Judicial Court decision Tuesday to uphold the conviction of a South Berwick man sentenced in 2011 to seven years in prison for the hit-and-run death of UMaine student Jordan Bakley the previous year. The Republic in Indiana carried an Associated Press report about the decision. Contact: George Manlove, (207) 581-3756

Newspaper Garden Feature Cites UMaine Extension Education Classes

24 Oct 2012

[A Lewiston Sun Journal feature article](#) about a Jay middle school community gardening project to benefit a local food bank noted that a seventh-grader leading the project learned about gardening methods through University of Maine Cooperative Extension classes. The students donated more than 100 pounds of cucumbers, tomatoes, green beans and carrots from their school garden. Contact: George Manlove, (207) 581-3756

President's Community Conversation 2.0 Scheduled for Monday

24 Oct 2012

On Monday, Oct. 29, University of Maine President Paul Ferguson will hold Community Conversation 2.0, his second annual discussion with the UMaine community. The President's Community Conversation 2.0 will be held from 7:30 a.m. to 9 a.m. in Wells Conference Center. This year, the President's Community Conversation is being combined with the annual Employee Breakfast. For UMaine employees working evening shifts, an "evening breakfast" is scheduled for 9–10 that night. Last October, President Ferguson held the first Community Conversation to share his first impressions of UMaine. He also described the collaborative process about to be initiated to shape a bold, pragmatic vision for UMaine's future. That Conversation launched the "The Blue Sky Project: Reaffirming Public Higher Education at Maine's Flagship University," the strategic planning initiative led by a 26-member leadership team of faculty, staff, students and alumni. Community Conversation 2.0 will focus on both achievements and challenges at UMaine this past year, and will introduce the Blue Sky Project Implementation Plan. Contact: Margaret Nagle, (207) 581-3745

Astumian Wins International Physics Award

25 Oct 2012

The California-based Foresight Institute, a think tank and public interest organization focused on transformative future technologies, has awarded University of Maine professor of physics Raymond Dean Astumian the 2011 Feynman Prize for Theory. Astumian is being honored for his contributions to the understanding of Brownian motion and its role in powering molecular motors and other functional mechanisms at the atomic scale. He will receive the award in California in January 2013. For more information go to foresight.org. Contact: George Manlove, (207) 581-3756

Soccer Player Named Conference Rookie of the Year

25 Oct 2012

The America East conference on Wednesday named University of Maine women's soccer player Charlene Achille of Longueuil, Quebec, its 2012 Rookie of the Year. The first-year forward started all 16 regular-season games for the Black Bears, playing 1,426 minutes over the course of the 2012–2013 campaign. Achille tallied seven points on two

goals and three assists. Achille also was named to the 2012 All-America East second team and the 2012 all-rookie team. First-year back Noelle Leon-Palmer of Ajax, Ontario, and also named to the all-rookie team and junior midfielder Nikki Misener of Burlington, Ontario, was named to the all-academic team. Contact: George Manlove, (207) 581-3756

Economist's Research Discussed in Digital Website Column

25 Oct 2012

[An article on the QUARTZ website](#) by economist and editor Richard Florida, author of "The Rise of the Creative Class," discusses a recent study, "The Creative Class and the Crisis," by University of Maine economist Todd Gabe and colleagues about how three broad categories of jobs have fared since the apex of the economic crisis. The researchers found that blue-collar workers have been hit hardest, while creative class workers and metropolitan regions with larger numbers of creative jobs fared considerably better. Creative class workers include individuals working in science, technology, arts, entertainment and professional types of jobs. Contact: George Manlove, (207) 581-3756

Portland Phoenix Reviews Employee's Art Exhibit

25 Oct 2012

[The Portland Phoenix](#) has published a positive review of recent University of Maine Intermedia MFA graduate Reese Inman's 21-piece digital and analog image-capture exhibit at the University of Maine at Augusta. The review says Inman, who is now a web developer in the UMaine Division of Marketing and Communications, appears "equally at home with paint and computer" in her exhibit, "Analog/Digital." The reviewer also said the exhibit, up through Nov. 30, is both "complex and beautiful." Inman created some of the video work while she was a UMaine student. Contact: George Manlove, (207) 581-3756

Newspaper Notes Gabe Engagement for Hospital Operations Study

25 Oct 2012

[An article in the Wiscasset Newspaper](#) about economic concerns about St. Andrews Hospital in Boothbay noted that a hospital task force has engaged University of Maine economist Todd Gabe to conduct an economic analysis of the facility's operations. Gabe was quoted as saying that extensive economic effects of a possible closure of the hospital on tourism and property values will require a larger study than is currently envisioned. Contact: George Manlove, (207) 581-3756

UMaine Offering 500 Free Student Tickets for Playoff Game

26 Oct 2012

The University of Maine is offering a free ticket to the first 500 UMaine students at Sunday's America East conference women's soccer semifinal game between UMaine and Stony Brook. The game starts at 1 p.m. Regular admission is \$8 for adults, \$5 for youth 14 and under, and \$2 for America East students with a valid ID. The Black Bears, who are ranked No. 2 in the conference playoffs, finished the regular season with a 7-6-3 record. Contact: Jessica Bloch, (207) 581-3777

Newspaper Advances UMaine Extension Business Conference

26 Oct 2012

[The Penobscot Bay Press](#) published a news release about the University of Maine Cooperative Extension's Hancock County Business Conference and Trade Show Nov. 1-2 in Ellsworth. The conference is designed to bring together hundreds of business representatives and business development specialists to discuss common problems and solutions to business challenges in the Downeast area. Gov. Paul LePage is scheduled to deliver a keynote address on Friday, Nov. 2. Contact: George Manlove, (207) 581-3756

UMaine Extension Food Preservation Aide in TV Report

26 Oct 2012

Channel 6 (WCSH) interviewed University of Maine Cooperative Extension food preservation aide Kate McCarty for a report on efforts in York County to fulfill the needs of people who need food assistance. McCarty attended a special session at York County Community College where organizations dedicated to help combat hunger gathered to discuss ways to help. Contact: George Manlove, (207) 581-3756

Channel 7 Reports on UMaine Greens Food Day Event

26 Oct 2012

[Channel 7 \(WVII\)](#) reported on a National Food Day observance by UMaine students and the celebration of a new hoop greenhouse on campus to extend the growing season. Students plan to grow vegetables in the greenhouse throughout the year. Contact: George Manlove, (207) 581-3756

UMaine Researcher Finds Vitamin-Based Treatment Could Counter Muscular Dystrophy Symptoms

02 Nov 2012

Boosting the activity of a vitamin-sensitive cell adhesion pathway has the potential to counteract the muscle degeneration and reduced mobility caused by muscular dystrophies, according to a research team led by scientists at the University of Maine. The discovery, published in the open access journal PLOS Biology, is particularly important for congenital muscular dystrophies, which are progressive, debilitating and often lethal diseases that currently remain without cure. The researchers found that they could improve muscle structure and function in a zebrafish version of muscular dystrophy by supplying a common cellular chemical (or its precursor, vitamin B3) to activate a cell adhesion pathway. Muscle cells are in themselves relatively delicate, but derive important additional mechanical strength from adhesion protein complexes; these anchor the muscle cells to an external framework known as the basement membrane, thereby helping to buffer the cells against the extreme forces that they experience during muscle contractions. Mutations in the genes that encode these adhesion proteins can weaken these attachments, making muscle cells more susceptible to damage and death. The resulting muscle degeneration can eventually lead to progressive muscle-wasting diseases, such as muscular dystrophies. A major component of the basement membrane, a protein called laminin, binds to multiple different receptors on the muscle cell surface and forms a dense, organized network. The study was led by UMaine Associate Professor of Biological Sciences, Clarissa Henry, whose laboratory focuses on understanding how cell adhesion complexes contribute to muscle development. The researchers discovered that a pathway involving a common cellular chemical called nicotinamide adenine dinucleotide (NAD⁺) plays a role in the formation of organized basement membranes in muscle tissue, during development of the fish embryo. As disordered basement membranes are seen in many different types of muscular dystrophies, the researchers wondered whether activating this pathway might reduce the severity of some muscular dystrophies. In the current study, the researchers show that NAD⁺ improves the organization of laminin in a zebrafish version of muscular dystrophy. Zebrafish lacking either of the two main receptors for laminin have a disorganized basement membrane, causing muscle degeneration and difficulties with movement. However adding extra NAD⁺, or even an EmergenC vitamin packet containing vitamin B3 (niacin, a precursor to NAD⁺), significantly reduced these symptoms. The research team found that the main protective effects of NAD⁺ come from enhancing the organization of the laminin structure in the basement membrane, which helps to increase the resilience of diseased muscle fibers. Because the same cell adhesion complexes are found in humans, the research team is optimistic that these findings may one day positively impact patients with muscular dystrophies. “Although there is a long way to go, I’m hopeful that our data could eventually lead to new adjuvant therapies,” says University of Maine Ph.D. student Michelle Goody, who led the research team with Henry. “One of my favorite aspects of this study is that it is a poster child for how asking basic biological questions can lead to exciting discoveries that may have future therapeutic potential,” Henry says. Contact: Margaret Nagle, (207) 581-3745

Newspaper Notes UMaine Extension’s Role in Orono Planning Session

26 Oct 2012

[An article in the Bangor Daily News](#) about a Nov. 7 community meeting to discuss Orono's comprehensive planning goals noted that University of Maine Cooperative Extension educator and facilitation specialist Jane Haskell will serve as facilitator for the session. Contact: George Manlove, (207) 581-3756

Brewer Interviewed About Romney Ads in Maine

26 Oct 2012

University of Maine political scientist Mark Brewer was interviewed for a [Channel 7 \(WVII\) news report](#) about the Republican presidential campaign buying advertising airtime in Maine to support candidate Mitt Romney. Brewer said if voter preferences are decisive it may not make a difference, but in a close race, the extra advertising possibly could mean one more Electoral College vote. In any case, Brewer said, advertising in Maine is cheap compared to other states, which makes it worthwhile if a campaign can afford it. Contact: George Manlove, (207) 581-3756

Associated Press Reports on Slow Food Conference at UMaine

26 Oct 2012

Channel 2 (WLBZ) and Channel 5 (WABI) both posted an Associated Press report on an Oct. 26–27 conference at UMaine on “slow food,” an international movement that’s promoted as an alternative to fast food with the intention of preserving traditional cuisines and promoting locally grown foods, the report said. U.S. Rep. Chellie Pingree of Maine, a member of the House Agriculture Committee, will deliver a talk titled “Food Policy — Incorporating the Slow Food Model into the Maine Economy.” The nonprofit ESTIA organization is organizing the conference. Contact: George Manlove, (207) 581-3756

UMaine Student-Athlete Graduation Rates Among Best in Country

29 Oct 2012

University of Maine student-athletes are graduating at rates higher than the federal Graduation Success Rate (GSR), according to statistics the NCAA released Oct. 25. Eighty-four percent of Black Bear student-athletes are graduating within six years of enrolling in college, and UMaine had four teams honored with perfect 100 scores and four other UMaine teams improved their GSR from the previous year. The 84 percent GSR is UMaine's highest since 1998. The statistics are based on the 2002–2005 cohort, for which the national average was 81 percent. All of UMaine's 17 sports were either at or above the federal graduation rate. The men's and women's swimming, women's soccer and softball teams, all received perfect 100 scores. The men's basketball, cross country/track and field, football and men's ice hockey teams all improved their scores in the past year. Overall, the national GSR was a point off the 82 percent of the 2004 cohort, but still higher than any other previous cohort. America East, the conference UMaine belongs to, had 29 different teams honored for perfect 100 GSR scores. Boston University led the way with six, while UMaine was tied for second with Hartford, Vermont and UMBC, which all had four teams honored. Furthermore, the conference's men's and women's basketball programs specifically graduate at a higher rate than the rest of the nation. “We are extremely pleased, but not surprised, that our conference GSR ranks among the best in the country,” says America East Commissioner Amy Huchthausen. “This success is a testament to the value our student-athletes place on their education, as well as our institutions' commitment to preparing its student-athletes to thrive after college.” America East is seventh among 31 Division I conferences in one-year GSR (student-athletes who began school in 2005), a two-spot improvement from last year, as 85 percent received degrees within six years of enrollment. Additionally, America East's overall GSR, measuring graduation rates for student-athletes entering school over a four-year period (2002–05), ranks eighth nationally with an 84-percent rate, which is four points higher than the national average of 80 percent. Contact: Laura Reed, (207) 581-3646 or laura.reed@maine.edu

Strengthening the Downeast Economy

29 Oct 2012

ELLSWORTH – The University of Maine Cooperative Extension is helping fuel the entrepreneurial spirit in Downeast-area business communities Nov. 1–2 with the first Hancock County Business Conference and Trade Show. Maine Gov. Paul LePage is scheduled to give a keynote address on Nov. 2. More than 100 representatives from area public- and private-sector businesses and business-development organizations are expected to participate and learn from one another about existing business-development resources that can be discussed and shared to strengthen the Downeast economy. Those resources include business expertise from the University of Maine, according to Louis Bassano, UMaine Extension regional small business educator and UMaine Extension professor, who is coordinating the conference with Jim McConnon, a UMaine Extension business and economics specialist and UMaine professor of economics. The conference, a governor’s regional conference on small business and entrepreneurship, opens Thursday, Nov. 1 with a preconference business after-hours reception hosted by Hancock County’s eight Chambers of Commerce from 5 p.m.–7 p.m. at the Ramada Inn at 215 High St. A full day follows at the Ramada on Friday, Nov. 2 with workshops, networking, panel discussions, exhibits and business assistance services. Workshop topics include family and micro-business development, business planning, financial management, workforce development, human resources management and business regulations. Topics of local interest, including tourism, emerging trends in Hancock County, strategies for extending the tourism season, and why going “green” can be good for business also are on the schedule. LePage is scheduled to deliver the keynote address at 8:45 a.m. Friday, after welcoming remarks at 8:30 a.m. Registration, which starts at 7:30 a.m., is \$50 and includes a continental breakfast, lunch, snacks and conference materials. Participants can register in advance on a conference Web page. “The overall goal of the conference is to provide opportunities for success for Hancock County’s prospective and current small and micro-business owners,” says McConnon. “The university is looking to strengthen connections with the business community.” “It’s really an opportunity for business owners to tap into some of the university and other business-assist resources in the region,” Bassano adds. In addition to University of Maine Cooperative Extension, the Foster Center for Student Innovation and the School of Economics’ Knowledge Transfer Alliance are two other UMaine programs participating in the conference. The College of the Atlantic, Husson University and the University of Maine at Augusta also are involved. Bangor Savings Bank is the major sponsor for the event, assisted by the City of Ellsworth, the Maine Community Foundation and the Tri-County Work Force, which supports Hancock, Washington and Penobscot counties. For additional details, including a complete list of event schedules, presenters and exhibitors, visit the conference website or call Tara Wood of UMaine Extension at 1-800-287-1542 (in state) or (207) 255-3345. Contact: Tara Wood, 1-800-287-1542 instate or (207) 255-3345; George Manlove, (207) 581-3756

Journey to South Georgia

02 Nov 2012

Researchers with the University of Maine’s Climate Change Institute recently wrapped up an expedition to South Georgia Island in the South Atlantic Ocean. During the trip, the team drilled on Nordenskjold and Fortuna glaciers for what may be the first-ever ice core samples from the island, and also gathered an ice pit sample from the Szielsko Ice Cap. The explorers blogged about their adventures and activities during the expedition. The Kuli South Georgia Expedition team members were Climate Change Institute Director Paul Mayewski, UMaine graduate students Bjorn Grigholm and Mariusz Potocki, UMaine postdoctoral researcher Dan Dixon, Chilean researchers Gino Casassa and Marcelo Arevalo, EMT medic Alex Kuli, and freelance journalist Alex George Kuli. The Kuli South Georgia Expedition team is expecting to return Nov. 4, depending on weather. In a blog posted Oct. 20 on the expedition website, the researchers noted information from the ice cores and the ice pit sample will help scientists determine how the island’s current air supply differs from the air hundreds of years ago. The team, which is returning to the Falkland Islands en route to its return to the U.S., faced weather-related delays during the expedition, but the bloggers wrote Mayewski considers the trip a success. “The ice samples from the Szielsko, Nordenskjold and Fortuna glaciers will allow him to lay the groundwork for a full-blown coring expedition to South Georgia in the coming years,” the bloggers wrote. Before leaving on the trip, Mayewski delivered a talk on “Climate Change — Perspectives, Realities and Future Change” at Chile’s Universidad de Magallanes — American Corner. The lecture featured research work in South America and Antarctica. To read the blog updates, go to expenews.com/en/expeditions/289/dispatches/4338. For more information about the Climate Change Institute go to climatechange.umaine.edu. Contact: Jessica Bloch, (207) 581-3777

Lobster Tips

29 Oct 2012

[Click here to view “Lobster Cooking and Eating” video on YouTube.](#)

Growing Garlic

29 Oct 2012

[Click here to view “How Do I Grow Garlic in Maine?” video on YouTube.](#)

Social Work Open Houses in Coastal Newspaper

29 Oct 2012

[The Penobscot Bay Pilot community newspaper](#) carried an announcement about open houses being hosted by the University of Maine School of Social Work in Orono Nov. 13 and Jan. 21, and Dec. 1 at the UMaine Hutchinson Center in Belfast. The School of Social Work is inviting applications for its master’s degree in social work at all of the events. Contact: George Manlove, (207) 581-3756

Maine Newspapers Endorses Bond Referenda

29 Oct 2012

[An editorial in the Journal Tribune](#) of Biddeford has endorsed passage of all of the referenda on the statewide ballot Nov. 6, including Question 2, which would fund a new, biologically safe and secure animal and plant diagnostic laboratory at UMaine. The editorial said the investments will help contribute to job creation. [The Bangor Daily News](#) also endorsed Question 2, because, the newspaper said, of its benefits for research, education and workforce training. Contact: George Manlove, (207) 581-3756

Political Scientist Comments on Maine’s Libertarian Party

29 Oct 2012

University of Maine political scientist Amy Fried was interviewed for a [Central Maine Morning Sentinel story](#) about the growth of the libertarian party in Maine. Fried said historically the party has drawn from a pool of Republicans who “agree on economic issues but have pulled away from the party because of social and foreign involvement issues.” Contact: Jessica Bloch, (207) 581-3777

UMaine Experts Available to Discuss Hurricane Damage, Safety and Advice

29 Oct 2012

Maine isn’t expected to bear the full brunt of Hurricane Sandy, but the state will still get hit hard, according to the Associated Press and others monitoring the storm. Several University of Maine experts are available for interviews about different aspects of the storm, including coastal damage from hurricanes, climate modeling, and consumer advice on storm consequences ranging from food safety in a power outage to protecting livestock in rain and high winds. Joe Kelley, a marine geologist in UMaine’s School of Earth and Climate Science, is available for interviews about coastal damage due to hurricanes. His research interests include the response of developed and pristine shorelines to sea-level change, and Kelley has monitored and mapped coastal hazards that are a response to rising sea level. He can be reached at (207) 581-2162 or jtkelley@maine.edu. Sean Birkel, a postdoctoral research associate in UMaine’s Climate Change Institute, is available to discuss climate modeling. He can be reached at sbirke61@maine.edu. UMaine Extension educator Kate Yerxa and Jason Bolton, UMaine Extension’s statewide food safety specialist, are available to discuss basic emergency preparedness, safety and ways to protect homes from heavy wind and rain, along with safe handling,

preparation and storage of food during and after a power outage. Yerxa can be reached in Orono at (207) 299-8336. Bolton can be reached at (207) 581-1366 in Bangor or (207) 233-2569 (cell). A few suggestions from Yerxa include having a manual can opener on hand; check expiration dates on all canned items and discard any foods that are past their expiration date; for shelf stable foods that need to be heated, be sure alternate heating sources such as a propane grill or camp stove are ready to be used; plan on 1 gallon of water per person, per day for drinking, cooking, and personal hygiene; and households with infants should make sure plenty of diapers, wipes and infant formula are available. Don't forget the needs of pets, she adds. Bolton suggests that a [UMaine Extension online video](#) and a [fact sheet](#) discuss some of these precautions. UMaine Extension veterinarian and professor of animal and veterinary sciences Anne Lichtenwalner is not available for interviews but suggests that livestock owners have backup power and water and feed supplies on hand. Know where the animals are and whether they have windbreaks, she says. Also, inspect roofs and batten down any metal panels susceptible to flapping, she advises. Horse owners should beware of water leakage onto hay storage areas and be certain that the horses can get out of the wind. They can handle the rain better than wind, and while trees can be used by horses for shelter in storms, they also can be treacherous in high winds, Lichtenwalner says. Contact: George Manlove, (207) 581-3756

UMaine Marine Scientist Blog Interview in India Newspaper

30 Oct 2012

The English-language [Deccan Herald](#) in Bangalore, India, has published a New York Times blog that included comments from University of Maine marine scientist Mark Wells about a California businessman who undertook his own ecological experiment, dumping 100 tons of iron dust into the Pacific Ocean in an attempt to create a plankton bloom to biologically remove carbon dioxide from the water and aid the recovery of the local salmon fishery. Wells said what the businessman did "could be described as ocean dumping" and the experiment was "extraordinarily unlikely" to be successful. Contact: George Manlove, (207) 581-3756

Channel 5 Interviews UMaine President on 'Blue Sky' Plan

30 Oct 2012

[Channel 5 \(WABI\)](#) interviewed UMaine President Paul Ferguson after Monday's Community Conversation 2.0 at Wells Conference Center, an employee breakfast and an discussion of the Blue Sky Project, a strategic plan for guiding UMaine into the future. President Ferguson outlined some of the steps the university is undertaking to implement the project. Contact: George Manlove, (207) 581-3756

Political Scientist's Comments in Reuters Report

30 Oct 2012

UMaine political scientist Mark Brewer commented on Maine's importance in the presidential election in a Reuters wire service report that ran on the [Chicago Tribune website](#). Brewer said it is possible but not likely that Republican candidate Mitt Romney could win half the state. Contact: Jessica Bloch, (207) 581-3777

Newspaper Runs Photo of Students During Pride Week

30 Oct 2012

[The Bangor Daily News used a photo](#) of UMaine students raising a Gay Pride flag during Pride Week last February to illustrate an editorial that called for Maine to legalize gay marriage. The students were photographed in front of Fogler Library. Contact: Jessica Bloch, (207) 581-3777

Marine Geologist Comments on Hurricane

30 Oct 2012

Joe Kelley, a marine geologist in UMaine's School of Earth and Climate Sciences, was interviewed for a [Portland Daily Sun report](#) about how Hurricane Sandy might impact Maine's coastal areas. Kelley said the bizarre and unusual storm will be bad on the coast because a full moon means substantially bigger tides. Contact: Jessica Bloch, (207) 581-3777

UMaine Dining Offering Faculty, Staff Appreciation Discounts

31 Oct 2012

University of Maine Dining is introducing a weekly faculty and staff appreciation discount on food and beverages at the [Bear's Den pub and café](#) in the Memorial Union, according to Jodi Munster, assistant dining service manager. On Wednesdays between 4:30 p.m. and 6:30 p.m., a featured menu item will be offered at a 20 percent discount. In addition, bottled beers will be discounted by \$1, draft beers normally \$3.50 will be sold for \$3, and wine normally at \$3.75 will be \$3.25. Contact: Jodi Munster, (207) 581-4724

Bolton Interviewed on Food Safety and Power Outages

31 Oct 2012

[In a Portland Press Herald article](#), Jason Bolton, University of Maine Cooperative Extension educator and statewide food safety specialist, offered food safety advice for when power outages decommission refrigerators and freezers. Bolton said milk products, in particular, can develop dangerous bacteria and pathogens. He referred to an age-old adage — when in doubt, throw it out — as a general rule of thumb. Contact: George Manlove, (207) 581-3756

Student Interviewed for MPBN Enrollment, Trustees Report

31 Oct 2012

In a report about improving enrollment at the University of Maine, which is on the agenda for next week's University of Maine System Board of Trustees meeting, Maine Public Broadcasting Network interviewed UMaine student David Holomakoff, a Connecticut resident who applied to UMaine to pursue a degree in biological engineering, which he could not find in his home state. He said he fell in love with UMaine as soon as he stepped onto the campus and was further pleased to discover he was eligible for an in-state tuition rate. The report also said community college transfers have boosted tuition at many University of Maine System campuses. Contact: George Manlove, (207) 581-3756

Physicist Interviewed About Home Radon Detection

31 Oct 2012

[Channel 5 \(WABI\)](#) interviewed University of Maine physics professor C.T. Hess about testing homes and basements for radon rising from the ground into living spaces. Hess, whose students conduct radon tests in university physics labs, said about 60,000 homes in Maine have been tested for radon, which is not nearly enough, in his view. Contact: George Manlove, (207) 581-3756

Forbes Interviews Engineer on Racetrack Safety

31 Oct 2012

University of Maine professor of mechanical engineering Mick Peterson was interviewed for a [Forbes magazine article](#) about horse racing track construction and safety in advance of the Nov. 1–2 Breeders' Cup races at Santa Anita Park in California. Peterson works with colleagues Christie Mahaffey, who earned a Ph.D. in engineering at UMaine, and C. Wayne McIlwraith of Colorado State University's Orthopaedic Research Center to assess the safety of tracks nationwide. While synthetic-surfaced tracks are considered generally safer than dirt tracks, according to the article, Peterson says surface consistency is most important. Contact: George Manlove, (207) 581-3756

Liberal Arts Student Fellowships Announced

01 Nov 2012

UMaine College of Liberal Arts and Sciences Dean Jeffrey Hecker has announced the names of recipients of the college's Undergraduate Research and Creative Activity Fellowships for 2012–13. The fellowships were developed to enhance and increase undergraduate student involvement in faculty supervised research and creative activity. Each fellowship provides a \$1,400 award for the student and up to \$1,100 in additional funding, if needed, to cover costs associated with the project. This year's fellowships were supported with funds from the Intensive English Institute. Fellowship recipients are: Meagan Bossie (psychology), The Enhancing and Impairing Effects of Stress on Cognition; Shawn Ell, adviser Christopher Bryant (new media), 3rD Person Perception; Mike Scott, adviser Hawk Cambron (psychology), Protecting Against Chemo Fog; Thane Fremouw, adviser Joseph Dumont (chemistry), Extraction and Isolation of Shikimic Acid from Maine Conifers; Barbara Cole, adviser Marcus Dunham (psychology), Are Teacher Judgments Consistent with Behavioral Data from Preschool's Free Play Data?; Peter LaFreniere, adviser Mary Hunt (sociology), Alcohol Abuse and Young Women; Steve Barkan, adviser Shannon Jacobson (sociology), Roller Derby: Challenging Gender or Reinforcing Norms?; Amy Blackstone, adviser Stuart Lathrop, (mathematics), Contributions to the Foundation of the Theory of Transcendental Numbers; Andrew Knightly, adviser Annie Ledoux, (psychology), Correlates between Perceived Romantic Partner Communication and Social Adjustment of College Students; Doug Nangle, adviser Paige Martin, (psychology), The Effect of Cataract Surgery on Depression and Vision-Related Quality of Life in an Elderly Population; Lira Yoon, adviser Rex McKeon, (political sciences), Reset of U.S. Russian Relations: Prospects Based on a Study of all U.S. Presidential State of the Union Addresses References; James Warhola, adviser Andrew Robbins, (new media), Boulder Beacon; Jon Ippolito, adviser Duane Shimmel, (new media), 10 Years of MLTI: What Have We Learned?; Owen Smith, adviser Valerie Smith, (chemistry), Detection of Aqueous Mg(II) Using IR Spectroscopy; Carl Tripp, adviser Andrew Tomer, (psychology), Media, Education, and Intergroup Interaction Impact on Attitudes and Beliefs toward Native Americans; Jordan LaBouff, adviser Elizabeth Tull, (psychology), Income Inequality and Health: the Relationship between Relative Inequality, Income, Weight, and Eating Behavior; Shannon McCoy, adviser Christopher Young, (Psychology), Relation between Behavioral Inhibition and Stress Cortisol Response; Lira Yoon, adviser Contact: George Manlove, (207) 581-3756

Channel 5 Reports on Greeks' Halloween Activities

01 Nov 2012

Channel 5 (WABI) interviewed several UMaine fraternity and sorority members along College Avenue for a report on "Trick or Treat on Greek Street" Halloween activities the students offered children from surrounding communities. Students Benjamin Fournier, Jeff Eldridge, Brittany Cote, Jessica Rothenheber and Courtney Maynard described several of the games and activities. "What this does is promote that we aren't just students on campus, we are here for community service as well," Eldridge said.

Contact: George Manlove, (207) 581-3756

Science Websites Cover Muscular Dystrophies Finding

01 Nov 2012

Health and science websites from around the globe have continued reporting on a UMaine biological science research team's discovery that might some day help people with degenerative muscular dystrophies. Clarissa Henry, associate professor of biological sciences, and Ph.D. student Michelle Goody discovered that boosting the activity of a vitamin-sensitive cell adhesion pathway has the potential to counteract the muscle degeneration and reduced mobility caused by muscular dystrophies. The websites and blogs include [Science Daily](#), [Health Medicine Network](#), [LabSpaces](#), [Science Newsline](#), [Human Health & Science](#), [Classicistranieri.com](#), [Biology Newsbeat](#) and [the Portuguese veja website](#). The research was first reported Oct. 23 in the open access journal PLOS Biology. Contact: George Manlove, (207) 581-3756

Mathematician Op-Ed in Newspaper

01 Nov 2012

UMaine professor of mathematics Henry Pogorzelski, who taught at UMaine for 30 years, contributed an [opinion piece](#) about the state of Maine's high schools to the Bangor Daily News. Pogorzelski argued that UMaine could best serve Maine high school teachers by offering after-hours courses to teachers. He also said Maine high schools should be teaching more students calculus. Contact: Jessica Bloch, (207) 581-3777

Political Scientist Comments on Bonds

01 Nov 2012

Amy Fried, a political science professor at UMaine, was interviewed for a [Central Maine Morning Sentinel report](#) about poll results that suggest Maine voters will support the bond proposals on the ballot. Fried said bonds tend to be popular because people want better roads, to promote economic development, and provide jobs. One of those bonds would provide funding to UMaine for a new animal and plant diagnostic laboratory. Polling shows that respondents support the bond issue, according to the Sentinel story. Contact: Jessica Bloch, (207) 581-3777

Zoology Professor Interviewed About Wildlife in Hurricanes

01 Nov 2012

The Bangor Daily News included comments from UMaine zoologist William Glanz in an [article](#) about how wildlife prepare for weather events such as Hurricane Sandy. Glanz said he thinks most animals have a low-pressure sensor that helps them detect a disturbance and withdraw to shelter. Contact: Jessica Bloch, (207) 581-3777

Segal to Co-Host WZON Morning Talk Show Nov. 2

01 Nov 2012

University of Maine professor of history Howard Segal is scheduled to co-host The Pulse WZON morning radio talk show with host Pat LaMarche from 6 a.m to 10 a.m. Friday, Nov. 2. WZON can be heard on 100.3 WKIT FM and 620 AM. Contact: George Manlove, (207) 581-3756

Climate Change Institute Presenting Seminar Series

02 Nov 2012

The University of Maine Climate Change Institute is presenting this fall a series of three mini symposia about the connection between agriculture and climate. The symposia will explore issues from the early emergence of agriculture through modern regional responses to an evolving climate, leading to a discussion of climate-related challenges facing agriculture and society in the next 50 years. Seminar 1, "Emergence of Agriculture in a Changing Climate," will begin at 4 p.m. on Monday, Nov. 5, at 57 Stodder Hall. Keynote speakers include Andrew Moore of the Archaeological Institute of America and Rochester Institute of Technology and Bruce Smith and Melinda Zeder of the National Museum of Natural History, the Climate Change Institute and the UMaine Department of Anthropology. Panel members will be George Denton and Kirk Maasch of the Climate Change Institute and UMaine's School of Earth and Climate Science and Eric Gallandt of UMaine's Department of Plant, Soil and Environmental Sciences. Dan Sandweiss of the Department of Anthropology and the Climate Change Institute, and dean and associate provost for graduate studies, is the faculty coordinator. Seminar 2, "Weather and Climate in Agriculture: Annual to Decadal," will be held at 5 p.m. on Wednesday, Nov. 7, followed by Seminar 3, "Feeding 9 Billion People in a Future Changing Climate," at 4 p.m. on Monday, Nov. 12. Seminars 2 and 3 will also be held in Stodder 57. To see the speakers and panelists for the entire series, go to the [Climate Change Institute website](#). The seminars are open to the public, but RSVP to Betty Lee at bliqcs@maine.edu is required. Contact: Walter Beckwith, walter.beckwith@umit.maine.edu; Jessica Bloch, (207) 581-3777 or jessica.bloch@umit.maine.edu

Bodwell Center Holding GobbleFest, Blood Drive Events

02 Nov 2012

The University of Maine Bodwell Center for Service and Volunteerism has two community events coming up. The Bodwell Center and the Old Town-Orono YMCA are holding the 3rd Annual GobbleFest on Sunday, Nov. 11. UMaine students will be at the YMCA from 1 p.m. to 4 p.m. collecting turkeys and cash donations, which will be used by Crossroads Ministries to provide families in need with a Thanksgiving dinner. The American Red Cross, in partnership with the Bodwell Center, is holding a blood drive from 11 a.m to 5 p.m Nov. 14–15 at UMaine's New Balance Student Recreation Center. Students, faculty, staff and community members are encouraged to attend. Walk-in donations are welcome, however wait times may be long so appointments are recommended and can be made by calling 1-800-REDCROSS or signing up at redcrossblood.org. Permit-free parking will be reserved both days for community members in the parking lot at the top of Hilltop Road next to the recreation center. Food will be available for donors, and each donor will be entered into a drawing for prizes such as gift certificates to local businesses. To volunteer, or for more information regarding the blood drive, please contact the Bodwell Center at (207) 581-3091. Contact: Lisa Morin, (207) 581-4194 or lisa.morin@umit.maine.edu.

Kelley Interviewed for CBS News Hurricane Debris Report

02 Nov 2012

UMaine marine geologist Joe Kelley, an expert on coastal geology, was interviewed by [CBS News](http://CBSNews.com) for a report on the debris and pollutants from Hurricane Sandy washing into the ocean from flooded streets in New York City and other places. With the majority of the physical debris expected to wash up along the coast, Kelley said 99 percent of it probably will go to a landfill. Contact: George Manlove, (207) 581-3756

Dill Interviewed on West Nile Disease Threat

02 Nov 2012

Channel 2 (WLBZ) interviewed University of Maine Cooperative Extension pest management specialist Jim Dill about the increase of West Nile virus in Maine. Dill said the mosquito-borne virus is more of a health threat to young children or adults with poor immune systems. Symptoms for most people resemble a two- or three-day summer cold, he said. Contact: George Manlove, (207) 581-3756

News Reports on Gabe Economics of Obesity Report

02 Nov 2012

Several news outlets, including [Channel 5 \(WABI\)](http://Channel5.com), the [Boston Globe website](http://BostonGlobe.com) and the [Bangor Daily News](http://BangorDailyNews.com) carried an Associated Press report on a study by UMaine economist Todd Gabe about the current and projected future costs of obesity in Maine, particularly as obese children transition into obese adults. He estimates the cost over the next 20 years will be about \$1.2 billion, unless something is done to encourage healthier lifestyles and weight loss. Contact: George Manlove, (207) 581-3756

UMaine Celebrating Veterans with Week of Events

05 Nov 2012

Veterans at the University of Maine will be honored during a series of activities that include seminars and panel discussions, an information fair, and an appearance by Maine first lady Ann LePage. The activities, which have been coordinated by the UMaine Office of Veterans Education and Transition Services (V.E.T.S.) and University of Maine Veterans Association, will start at noon Monday, Nov. 5, with an opening ceremony on the University Mall. UMaine Vice President for Student Affairs and Dean of Students Robert Dana will offer remarks during the ceremony and participants will have an opportunity to hang a yellow ribbon on the Mall to honor a past or present veteran. The ceremony will be followed by a reception in the V.E.T.S. office in Room 143 of the Memorial Union. Tony Llerena, the V.E.T.S. coordinator and school certifying official for veterans, said an event such as Veterans Week is essential

because it gives the campus community an opportunity to say thank veterans for their service and sacrifice. “Veterans are an important part of our campus,” says Llerena, who works as a computer systems and applications support specialist in the Division of Student Affairs. “They bring knowledge and a unique set of life experiences that add to the classroom experience for other students and community at large. Many of them are very humble about their service but are aware of any recognition given to the entire veteran community.” There will be a display of art made by veterans open all week in the Spirit Room of the Union. Other events this week: Tuesday, Nov. 6 Veterans Awareness Panel, 11 a.m. to 2 p.m., Coe Room, Memorial Union. Events include speaks and resume-writing workshops. Free pizza will be served. Wednesday, Nov. 7 Veterans Information Fair, 10 a.m. to 3 p.m., Bumps Room, Memorial Union. Free refreshments. A chance to ask questions about veterans benefits, disability adjustments, career availability and more. Several agencies related to veterans’ interests will have tables. Thursday, Nov. 8 Cole Land Transportation Museum Walking Sticks, 10 a.m. to 2 p.m., V.E.T.S. office, Memorial Union. Bring in a DD-214 (proof of release or discharge) and receive a Maine-made maple walking stick from the Cole Land Transportation Museum in Bangor. V.E.T.S. 2nd Annual Chili Cookoff, Noon to 2 p.m., Bumps Room. \$5 to enter, \$1 to taste. Proceeds go to Toys for Tots. Cash prizes for the winners. Friday, Nov. 9: UMaine Veterans Luncheon, 11 a.m. to 2 p.m., Bangor Room, Memorial Union. Guest speaker Ann LePage. Hosted by UMaine Veterans Association. Lunch is free and no RSVP is required. Saturday, Nov. 10: 2nd Annual ROTC 5K race, 8 a.m., Alford Stadium. Race registration is \$10, preregister at the UMaine Army ROTC office (east end of the University of Maine Field House) or on race day at Alford Stadium. Proceeds support Wounded Warriors and the 20th Maine Society. Military Appreciation Day, University of Maine football game vs. Georgia State, 2 p.m., Alford Stadium. The 195th Army National Guard band will perform alongside the Black Bear Marching Band. Free tickets are available to veterans, military members and their families. Military members contact Kyra Darling, kyra.e.darling.ctr@us.army.mil by Wednesday, Nov. 7. Veterans contact the V.E.T.S. office at (207) 581-1316 for tickets. Monday, Nov. 12 Veterans Day parade, Bangor. Veterans Day barbeque on the University Mall, 11:30 a.m. to 1:30 p.m. Donations go to University of Maine Veterans Association. Contact: Jessica Bloch, (207) 581-3777

UMaine Economic Analysis Finds Obese Youth Could Cost Maine \$1.2 Billion

19 Nov 2012

The medical costs of obesity for the current cohort of children and adolescents in Maine could reach an estimated \$1.2 billion over the next 20 years, according to a new study by a University of Maine economist. UMaine professor of economics Todd Gabe’s study suggests that the incidence of obesity is likely to increase from 7.8 percent of Maine’s kids and teens to an estimated 25.7 percent as they grow into adults. “We’ve all heard about the nationwide obesity epidemic,” says Gabe, “and these figures bring the problem — especially the challenge facing our children as they become adults — closer to home.” In his study, Gabe used statistics from the U.S. Centers for Disease Control and Prevention, and data on upward of 2,000 school-aged children in Maine, compiled by physical education teachers in 18 schools across the state. The data on schoolchildren was collected during the last three years as part of ongoing research in the UMaine College of Education and Human Development, led by physical education professors Steve Butterfield and Robert Lehnhard, with statistician Craig Mason, kinesiology and physical education master’s graduate Sarah Livingstone, and exercise science graduate student Aaron Runner. The physical education research team began collecting fitness data on Maine schoolchildren after training physical education teachers in the use of a standardized periodic fitness test called PACER (Progressive Aerobic Cardiovascular Endurance Run), designed by the Cooper Institute. The physical education project, funded in part by the Betterment Fund in Maine, is one of the first of its kind in the nation, Butterfield says, and could become a national model for quantifying the extent and cost of obesity. “A project combining exercise science and economics helps us examine an important issue facing our state, and it’s a good example of the growing interdisciplinary research happening at UMaine,” Mason says. Last year, the medical costs of obesity for all age groups in Maine were an estimated \$452.7 million, with most of these costs due to adult obesity. The concern, say Butterfield and Lehnhard, is that obese children and adolescents are much more likely than their non-obese peers to become obese adults, when the medical costs are very high. “If anything, these cost numbers are conservative,” says Gabe, whose study was funded, in part, through a partnership between the Maine Association for Health, Physical Education, Recreation and Dance; the Maine Department of Education; and UMaine’s College of Education and Human Development. “These are medical costs related to obesity, and do not count indirect costs due to early mortality or morbidity. Other studies have uncovered non-medical costs from reduced workforce productivity that are more expensive to the economy than the medical costs of obesity,” Gabe notes. Contact: George Manlove, (207) 581-3756 or george.manlove@umit.maine.edu

Corals, Revealed

05 Nov 2012

Rhian Waller, a deep-sea and polar ecologist at the University of Maine, recently traveled to the Huinay Scientific Field Station near the fjords of Chile to collect corals. The species Waller studies normally grow at depths that are hard to reach without a submersible vehicle, but because of the phenomenon of deep-water emergence — areas where animals are living in much more shallow levels than their usual distribution — she was able for the first time to see up close some of the species in their habitat. Waller, whose trip was funded by National Geographic and who also has funding from the National Science Foundation and National Oceanic and Atmospheric Administration, traveled to Chile with Chris Rigaud, who runs UMaine's Scientific Diving program. Through a slideshow of images take in Chile, Waller talks about what she saw in the fjords. For more information about Waller's research, go to umaine.edu/news/blog/2012/08/22/on-the-hunt-for-deep-sea-corals. A National Geographic Explorers biography page also has more information about Waller.

Fried Headed to Montenegro for Election Week Discussions

05 Nov 2012

University of Maine political science professor Amy Fried has been invited by the U.S. Department of State for a weeklong visit to the Republic of Montenegro Nov. 4–10 to assess and discuss the Nov. 6 U.S. presidential election. Fried will visit the U.S. Embassy in the capital city of Podgorica as a part of the embassy's efforts to assist the recently democratized country, she says. She will also visit and speak in Pljevlja, a city in the northern part of the country. The U.S. Embassy in Montenegro is organizing and covering the cost of the trip. Montenegro, with a population of 650,000, is one of the world's youngest countries after severing ties with Serbia in 2006 and adopting its constitution in 2007, according to Fried. "The United States is trying to support and build its relationship with Montenegro, as it continues to transition and develop," Fried says. Toward that end, Fried was invited to Montenegro for a five-day speaking tour to discuss with university students in Podgorica, political pollsters in the country and others about how the American election systems work. Fried is a nationally recognized authority on politics, polling and women in politics. The U.S. Embassy selected Fried "because her concentration on women in politics fits perfectly with the U.S. Embassy's goal to encourage Montenegrin women to be more engaged in the political process and to run for public office," says Shelly Seaver, public affairs officer at the embassy. During the week's events, Fried hopes to schedule a Skype session between students at the University of Montenegro and her UMaine class on American Public Opinion. Plans are for UMaine political science professor James Warhola and Andrei Strukov, an instructional technology development specialist, to moderate the class discussions from 11 a.m. to noon on Wednesday, Nov. 7 on the Orono campus. Fried was recommended for the visit by the U.S. Embassy at the suggestion of Dan Sandweiss, UMaine's dean and associate provost for graduate studies. Sandweiss and James Beaupré, the university's innovation engineer, traveled to Montenegro in early October under U.S. Embassy sponsorship to provide an introduction to the university's Innovation Engineering program and to build inter-institutional collaboration. UMaine has received undergraduates from Montenegro and hopes to receive graduate students soon, Sandweiss says. In 2009, Sandweiss, UMaine Vice President for Development Eric Rolfson and an economist from the Maine International Trade Center visited Montenegro in a Maine National Guard-sponsored visit. School of Policy and International Affairs (SPIA) Director Mario Teisl visited Montenegro in 2009, and SPIA Associate Director James Settele visited on behalf of the university in 2011. "Maine and Montenegro share many characteristics," says Sandweiss. "Both have economies featuring tourism, forest products, and marine resources. Collaboration between us makes sense for both." The state of Maine and Montenegro also have a relationship that includes a 2006 partnership between the Maine National Guard and Montenegro's all-volunteer military force, part of a U.S. National Guard Bureau bilateral defense relationship initiative. Contact: George Manlove, (207) 581-3756

Preparing Strawberries for the Winter

05 Nov 2012

[Click here to view "Getting Strawberry Plants Ready for Winter" video on YouTube.](#)

Gift Giving and Overindulgence

05 Nov 2012

[Click here to view "Gift Giving and Overindulgence" video on YouTube.](#)

Engineering Graduate Students Win Awards at UMass Symposium

05 Nov 2012

Three University of Maine Department of Civil and Environmental Engineering graduate students attended and presented at the Northeast Geotechnical Graduate Research Symposium on Oct. 26 at UMass Amherst, with two UMaine students winning awards. UMaine students who participated were Ph.D. student Harold Walton and master of science students Cameron Stuart and Matthew Burns. Walton won first prize for best presentation and Burns received an honorable mention abstract award. Melissa Landon Maynard, assistant professor of civil and environmental engineering, traveled with the students. The UMass Amherst Geotechnical Engineering Group hosted the symposium and Geosyntec Consultants sponsored the best abstract and presentation awards. Contact: Melissa Maynard, 207.581.2981

Reader's Theatre Presents New Play

05 Nov 2012

The University of Maine School of Performing Arts Reader's Theatre will present "The Heart of Art," a new play by Michael Weller at 7:30 p.m. on Wednesday, Nov. 7. The performance will be held in Minsky Recital Hall in Class of 1944 Hall. Admission is free. The plot of the play surrounds an aspiring playwright from the Midwest whose new play is optioned by a scrupulous, yet desperate producer. A Broadway matinee idol, a bombshell actress, an alcoholic actor, a failed playwright turned dramaturg, and his assistant all make up the cast of this zany comedy, in which art is truth, compromise is king, and innocence is lost. The School of Performing Arts is helping Weller develop this script by providing a new public reading as it heads toward full production. Tom Mikotowicz, a UMaine theatre professor, is directing the play. Contact: Monique Hashey, 207.581.4721 or monique.hashey@umit.maine.edu

News Reports on Student Regional Dairy Challenge

05 Nov 2012

Several news organizations, including Channel 5 (WABI), Channel 2 (WLBZ) and the Channel 7 (WVII) Nov. 5 morning newscast reported on the Northeast Regional Dairy Challenge organized by the University of Maine Department of Veterinary and Animal Sciences and the University of Maine Cooperative Extension this weekend in Waterville. Hundreds of students from throughout the Northeast, including Canada, visited several area dairy farms in teams to assess and analyze dairy operations, looking for ways to improve operational efficiency and profits. Dave Marcinkowski, UMaine Cooperative Extension dairy specialist and challenge co-organizer, told Channel 2 that the challenge tests students' dairy management skills and can offer farms helpful efficiency ideas. Contact: George Manlove, 207.581.3756

News Reports on Gabe Obesity Costs Research

05 Nov 2012

[Bloomberg Businessweek](#) and the southern Maine's coastal newspaper group Seacoastonline.com carried an Associated Press article about a study by University of Maine economist Todd Gabe that estimates the current annual medical costs of obesity in Maine were nearly \$453 million in 2011 and could reach \$1.2 billion over the next 20 years, if current trends continue. [The Medical Xpress website](#) carried a news release on the research, and [Channel 7 \(WVII\)](#) in Bangor interviewed Gabe for a 10 p.m. Nov. 4 news report. Contact: George Manlove, 207.581.3756

Rebar Comments in BDN Referenda Primer

05 Nov 2012

University of Maine Cooperative Extension Executive Director John Rebar was interviewed for a [Bangor Daily News primer](#) on the Nov. 6 referendum Question 2, which would authorize \$7.8 million for a University of Maine animal and plant diagnostic center. The center, which would be biologically secure and allow for more sophisticated research, also would support the study and identification of invasive plant species and help protect Maine citizens from potentially threatening diseases, Rebar said. Contact: George Manlove, 207.581.3756

Ippolito Comments About Businesses and Social Media

05 Nov 2012

Jon Ippolito, professor of new media at the University of Maine, was interviewed for a [Kennebec Journal article](#) about the price some businesses pay for taking public and controversial political stands. In the report about the backlash on Facebook by thousands of people who disagreed with a Levant apple orchard business that posted political signs, Ippolito said the business handled the situation well by simply removing the signs. Contact: George Manlove, 207.581.3756

Brewer in Portland Press Herald Polling Analysis

05 Nov 2012

University of Maine professor of political science Mark Brewer discussed several pre-election polling results with the [Portland Press Herald](#). Just because polls suggest Republican presidential candidate Mitt Romney is gaining in popularity in the race against incumbent President Barack Obama, Brewer said, doesn't mean Maine will become a battleground state. About the same-sex marriage referendum question, which appears to be gaining in public support, Brewer said when issues are controversial about 4 percent of voters tell pollsters one thing, then vote differently in the privacy of a voting booth. Contact: George Manlove, 207.581.3756

UMaine UVote Urges Student Voting

06 Nov 2012

The UMaine UVote get-out-the-vote effort is reminding students to vote in state and national elections from 7 a.m. to 8 p.m., Tuesday, Nov. 6, at the Memorial Union for students living on campus, and at various polling stations in surrounding communities. The University of Maine Division of Student Affairs suggests several websites to help students, many of whom will be voting for the first time, with information on where to vote, the process, qualifications for registering to vote and what the state and national decisions are, including a list of referendum questions. Lauri Sidelko, director of UMaine's Student Wellness Resource Center and coordinator of UMaine UVote, says she hopes to see at least 30–40 percent of the roughly 3,000 UMaine students in campus residency halls turn out to vote at the Memorial Union. Turnout in the past has fluctuated from 5 percent in a non-presidential election to 25 percent in a presidential election. Off-campus students who live in Orono and are unsure of whether they should vote at the Ward 1, Precinct 1 Birch Street School location or Ward 1, Precinct 2 Orono Municipal Building site can find out through a state government website or the town of Orono website. All voting in Old Town, regardless of wards, will take place at the Knights of Columbus Hall at 5 Gilman Falls Ave. Unregistered voters in Maine may register to vote at their designated polling station up to and including election day. Registrants will need a photo ID and a piece of mail with an address. For information and an explanation of referendum questions, go to the online Maine Citizen's Guide to the Referendum Election. [The New York University Brennan Center for Justice website](#) has state-by-state information on residency and registration requirements. In addition, the Pollvault.com website has posted information on national elections. Contact: George Manlove, 207.581.3756

History Department Lecture on Renaissance-Era Beer-Brewing

06 Nov 2012

The University of Maine Department of History is presenting a free and public lecture on beer brewing during the Renaissance at 3:10 p.m., Monday, Nov. 12 in Hill Auditorium in Barrows Hall. Richard W. Unger, University of British Columbia history professor emeritus, will present “Beer Brewing and the Environment in Renaissance Europe.” Unger has studied or taught about the technology of Dutch shipbuilding, the relationship between shipping technology and European economic growth since the Roman Empire, and the depiction of technology in art and the evolution of Renaissance cartography and shipping. Contact: George Manlove, 207.581.3756

Brewer Comments in New York Times Election Report

06 Nov 2012

Comments by University of Maine political scientist Mark Brewer were included in a [New York Times article](#) about the influence and infusion of out-of-state campaign money in the Maine Senate race to replace retiring U.S. Senator Olympia Snowe, a moderate Republican. Brewer said independent former Maine Gov. Angus King, whose campaign has received funding from New York City Mayor Michael Bloomberg, has improved as a candidate since becoming more specific about what he would accomplish in Washington. Contact: George Manlove, 207.581.3756

Videos Feature UMaine Extension Downeast Business Trade Show

06 Nov 2012

[The Ellsworth American website](#) has posted two videos from the Nov. 1–2 Hancock County Business Conference and Trade Show in Ellsworth, which was coordinated by University of Maine Cooperative Extension specialist and professor of economics Jim McConnon and UMaine Extension educator and cooperating professor of education Louis Bassano, who were interviewed for one video. A second video includes excerpts from Gov. Paul LePage’s keynote address. [The Bangor Daily News](#) also reported on LePage’s remarks. Contact: George Manlove, 207.581.3756

Witter Farm Superintendent Interviewed for Garelick Closure Report

06 Nov 2012

Comments from the University of Maine’s Jake Dyer, superintendent of the university’s J.F. Witter Teaching and Research Center, which includes a 40-head dairy herd, were included in [a Bangor Daily News article](#) about the effect on Maine farmers who sell milk to Garelick Farms, which has announced it will close in January. Dyer said small, local farms that will incur extra costs to transport milk further south for processing will suffer most because of their limited incomes derived from milk sales. Contact: George Manlove, 207.581.3756

Phippen Interviewed for Planned ‘Pet Sematary’ Documentary

06 Nov 2012

[The Ellsworth American website](#) has posted a video interview with retired University of Maine English professor Sanford Phippen by two filmmakers planning a documentary on the making of the 1980 movie “Pet Sematary,” based on Steven King’s 1983 horror novel of the same name. Phippen, who lives in Hancock County, where the movie was filmed, has been hired as a consultant to help track down some 200 people involved in or affected by the filming of what Phippen was told has become a world-famous cult film. Contact: George Manlove, 207.581.3756

BDN Reports on UMaine Obesity, Economic Cost Projection

06 Nov 2012

[The Bangor Daily News](#) reported on a new study by University of Maine economist Todd Gabe on the current and projected medical costs of obese youth in Maine. Estimated annual medical costs, excluding indirect costs such as lost

work time due to weight-related afflictions, were about \$452 million in 2011 and could cost as much as \$1.2 billion over the course of the next 20 years if trends continue, Gabe estimates. The health website TestCountry.com posted a blog with excerpts from the Bangor Daily News article. Contact: George Manlove, 207.581.3756

UMaine Tuition Variation Noted in California Op-Ed

06 Nov 2012

A tuition variation at the University of Maine and at many other universities was cited in an opinion piece in the University of California, San Diego newspaper, The Guardian about a Florida recommendation that a task force should study whether that state should reduce tuition for strategic areas of interest, including STEM (science, technology, engineering, math) and health-related majors. The editorial noted that many institutions, including UMaine, place a surcharge on some engineering courses to cover extra program and equipment costs. The editorial suggests lowering the costs of technology or health-related courses would affect an institution's bottom line, which could cause tuition increases for other majors, while not necessarily increasing student interest in those strategic courses. Contact: George Manlove, 207.581.3756

Newspaper Reports on UMaine Motherhood Class in Belfast

06 Nov 2012

[The Boothbay Register](#) carried an article about a new class, Social Construction of Motherhood, being offered in January at the University of Maine Hutchinson Center in Belfast. UMaine sociology professor Kim Huisman will teach the course, which stems from a grant Huisman received from the Maine Humanities Council to fund "The Midcoast Maine Mother-Daughter Project," an exploration of mother-daughter relationships. Contact: George Manlove, 207.581.3756

MPBN to Broadcast Recent SPIA Lecture on al-Qaida

06 Nov 2012

[Maine Public Broadcasting Network](#) is scheduled at 1 p.m., Friday, Nov. 9 to air a lecture recorded at the University of Maine in October given by former CIA officer and al-Qaida and terrorism expert Bruce Riedel. Riedel serves as an adviser for the UMaine School of Policy and International Affairs (SPIA), which sponsored his presentation. Contact: George Manlove, 207.581.3756

University Singers to Perform Nov. 10–11

07 Nov 2012

The University of Maine singers will perform two concerts this weekend in Minsky Recital Hall in Class of 1944 Hall on the UMaine campus. The group will perform at 7:30 p.m. on Saturday, Nov. 10, and again at 2 p.m. on Sunday, Nov. 11. Admission is \$9 or free with a student MaineCard. The repertoire includes both religious and secular works as well as selections by Renaissance and the Maine Steiners, all-female and all-male a capella groups, respectively. The University of Maine Singers is a select choir whose members come from all disciplines across campus. Nearly half of its members are from areas outside of music. Under the direction of Dennis Cox, Singers perform multiple concerts on campus throughout the academic year, tour New England for one week each spring, and perform abroad every four years. Auditions, open to any student, are held at the start of every fall semester. Contact: Monique Hashey, 207.581.4721 or monique.hashey@umit.maine.edu

School of Earth and Climate Sciences Hosting Minerals Conference

07 Nov 2012

The University of Maine School of Earth and Climate Sciences is among the host groups for the Maine Metallic

Minerals Society conference being held Friday, Nov. 9 at the Black Bear Inn in Orono. This daylong conference for professionals will include presentations on the geology and mineral potential of Maine, the history of non-ferrous metal exploration and mining in the state, land ownership and access to the land base, surface and mineral owner perspectives, and current mining and reclamation techniques. The Geological Society of Maine, of which Alice Kelley of the School of Earth and Climate Sciences, Climate Change Institute and Department of Anthropology is the president, and Maine Geological Survey are also hosting the event. Martin Yates, an instructor in the School of Earth and Climate Sciences, is one of the lead planners for the conference. [The GSM website](#) has more information. Contact: Jessica Bloch, 207.581.3777 or jessica.bloch@umit.maine.edu

BDN Report on Car-Pedestrian Accident

07 Nov 2012

[The Bangor Daily News](#) reported that a UMaine student was hit by a vehicle, driven by another UMaine student, on campus Nov. 6. UMaine police charged the driver of the vehicle with driving with a suspended license, according to the newspaper. Contact: George Manlove, 207.581.3756

Newspaper Article Notes UMaine Facility Expansion

07 Nov 2012

[The Lewiston Sun Journal](#) published a Bangor Daily News report that noted the University of Maine System Board of Trustees approved an expansion at the University of Maine Advanced Structures and Composites Center to create a facility for testing wind and wave effects on wind turbines. Contact: George Manlove, 207.581.3756

Public Radio Features UMaine Extension Meat Initiative

07 Nov 2012

The new University of Maine Cooperative Extension More Maine Meat initiative was featured in a [Maine Public Broadcasting Network radio report](#). Rick Kersbergen, who is heading the initiative for UMaine Extension, said in an interview there are ways in Maine to utilize unused grassy acreage to boost beef production. Contact: Jessica Bloch, 207.581.3777

Symposium to Focus on International Student Recruitment

08 Nov 2012

A symposium scheduled Friday, Nov. 9 at the Buchanan Alumni House is being organized by the UMaine College of Education and Human Development and the Office of the Vice President for Enrollment Management to bring together Maine teachers and school administrators to discuss and share ideas about recruiting international students. Nearly 60 participants in addition to 18 international high school students studying in Maine will explore successful recruitment strategies and discuss classroom integration from 8:30 a.m. until 12:30 p.m. during the Educators of International Students in Maine Symposium. Both secondary and post-secondary schools in Maine and elsewhere are looking to enroll international students to boost tuition revenue. Contact: George Manlove, 207.581.3756

Brazil-US Relations Expert to Speak Nov. 12

08 Nov 2012

Brazil-U.S. relations expert Richard Downes, who is a Bangor native, will give a free and public presentation at 4 p.m., Monday, Nov. 12, in the D.P. Corbett Business Building on the University of Maine campus. His talk, "What Brazil's Emergence as a Global Player Means for the United States," is presented under the auspices of the UMaine School of Policy and International Affairs. Downes has been an analyst and practitioner of Brazil-U.S. relations through military, academic and business pursuits for more than three decades. He is formerly associate dean of academics at the Center

for Hemispheric Defense Studies of the National Defense University and professor of history at the U.S. Air Force Academy. He is now based near Austin, Texas, and is an independent researcher focusing on Brazil. Downes' experience with Brazil began with a year's residence near Rio de Janeiro in 1982 conducting research for his doctoral dissertation regarding ties related to technology transfer between the United States and Brazil during the early 20th century. He subsequently served for four years as the Brazil desk officer for plans and policy on the Joint Chiefs of Staff during the chairmanships of Admiral William Crowe and General Colin Powell, and prepared recommendations on national policy issues related to Brazil. A graduate of Bangor High School and the USAF Academy, Downes holds a master of arts in Latin America Studies from the University of Florida and a Ph.D. in Latin American history from the University of Texas at Austin. During 23 years of military service, he was awarded the Santos Dumont Medal of Merit from the Brazilian Air Force, in addition to several U.S. military decorations. He speaks fluent Spanish and Portuguese and is a lifetime member of the Phi Kappa Phi national academic honor society. Additional details about Downes, who is scheduled to speak earlier in the day in the Rockport area, are available on the [Midcoast Forum on Foreign Relations website](#). Contact: George Manlove, 207.581.3756

Dill Comments in Report on Tick Myths

08 Nov 2012

University of Maine Cooperative Extension educator and pest management specialist Jim Dill discussed with the [Bangor Daily News](#) some of the myths about winter ticks, which are beginning to hatch now that the weather is getting colder. Moose ticks, also called winter ticks and feed on both moose and deer, are plentiful this year, according to Dill, but only one in four carries Lyme Disease. The best way to remove a tick, Dill said, is to use tweezers or something that can get close to the skin and pull the tick away carefully. Contact: George Manlove, 207.581.3756

Press Herald Notes 'Tremendous' UMaine Election Turnout

08 Nov 2012

The Portland Press Herald posted a blog entry about the successful University of Maine student turnout for Tuesday's elections. Dean of Students Robert Dana was quoted as saying the turnout of almost half of the more the 3,000 students living on campus was tremendous and a result of a hearty get-out-the-vote effort on campus. Contact: George Manlove, 207.581.3756

Political Scientist Brewer in Post-Election Interview

08 Nov 2012

University of Maine political scientist Mark Brewer discussed election results in a [Channel 5 \(WABI\)](#) TV report, saying that following the re-election of Democratic President Barack Obama, Republicans will need to decide what the future of their party is going to look like. Brewer also said the election demonstrated that non-white and young voters shouldn't be overlooked during campaigns. Contact: George Manlove, 207.581.3756

News Reports Advance UMaine's First Veterans Luncheon Event

09 Nov 2012

Channel 5 (WABI) and Channel 2 (WLBZ) carried an Associated Press report about the University of Maine's First Annual Veterans Recognition Luncheon held Friday, Nov. 9 at the Memorial Union. Maine first lady Ann LePage was the guest speaker. The event was part of a weeklong celebration of veterans organized by the UMaine Office of Veterans Education and Transition Services, and the University of Maine Veterans Association. A [news release](#) has more. Contact: George Manlove, 207.581.3756

UMaine Extension Starting Agritourism Initiative

12 Nov 2012

Farm-based tourism, known as agritourism, can provide farmers with significant supplemental income, especially for smaller operations. University of Cooperative Extension, which recognizes the economic impact agritourism can have on individual farmers, is devoting a new program area focusing on educating, promoting and supporting agritourism opportunities throughout Maine's farming community. UMaine Extension's Marc Edwards, a tourism and economic development professional, will present the program, "An Introduction to Growing Tourism on the Farm," from 6:30 p.m. to 8 p.m. on Nov. 15 at the UMaine Extension Franklin County office at 138 Pleasant St., Suite 1, in Farmington. The session is open to the public and costs \$25 for materials. The program is intended for new and existing farmers currently not engaging in agritourism activities, but who may be considering developing agritourism on their farms. It also will bring awareness of agritourism opportunities. After attending this program, participants will have a general understanding of agritourism, and will be able to identify at least one potential agritourism activity on their farm. Participants will also be able to identify the first three basic steps toward developing agritourism on their farm. What defines agritourism, according to Edwards, can range from roadside stands and pick-your-own operations to farmers markets and on-farm retail stores. "It really depends on who you ask," he says. "There are many definitions out there." A 2006 UMaine report estimated Maine farms that incorporate agritourism activities generated total farm sales of \$65.6 million. Agritourism activities accounted for about 43 percent (\$28.3 million) of the total sales on those farms. These sales supported 1,762 full- and part-time jobs, or 39 percent of all hired workers on agritourism farms. Contact: Marc Edwards, (207) 778-4650 or marc.edwards@maine.edu

South Georgia Expedition Photos Posted Online

12 Nov 2012

Photographs taken during a recent expedition to South Georgia Island in the South Atlantic Ocean - a trip that included several researchers from the University of Maine's Climate Change Institute - are now available for [viewing on the expedition website](#). The Kuli South Georgia Expedition team members were Climate Change Institute Director Paul Mayewski, UMaine graduate students Bjorn Grigholm and Mariusz Potocki, UMaine postdoctoral researcher Dan Dixon, Chilean researchers Gino Casassa and Marcelo Arevalo, EMT medic Alex Kuli, and freelance journalist Alex George Kuli. During the trip, the team drilled on Nordenskjold and Fortuna glaciers for what may be the first-ever ice core samples from the island, and also gathered an ice pit sample from the Szielsko Ice Cap. [The explorers blogged](#) about their adventures and activities during the expedition. Contact: Jessica Bloch, (207) 581-3777

Editorial Supports Rejected Education Bond

12 Nov 2012

A [Bangor Daily News editorial](#) about last week's rejection of Question 2, which would have provided funding for a new animal, plant and insect diagnostic lab at UMaine, noted voters approved infrastructure-related bond questions but turned down the bond question that supports investments in higher education. The rejection of the bond shows voters still need more evidence that borrowing for higher education will yield economic benefits, the editorial writer added. Contact: Jessica Bloch, (207) 581-3777

Press Herald Op-Ed Notes UMaine Research

12 Nov 2012

[An opinion piece in the Portland Press Herald](#) called for increased participation between the city of Portland and UMaine researchers. The op-ed noted UMaine research in science and engineering, which could provide commercial opportunities for the city. Contact: Jessica Bloch, (207) 581-3777

4-H Administrator Interviewed for Newspaper Report

12 Nov 2012

Lisa Phelps, University of Maine Cooperative Extension educator and the administrator of UMaine Extension's 4-H

programming, was interviewed for a Portland Press Herald story about how youth organizations screen adult volunteers in order to protect children. Phelps said background checks for 4-H clubs are done through UMaine's Human Resources Department and 4-H holds the majority of its meetings in public places rather than at volunteers' homes. Contact: Jessica Bloch, (207) 581-3777

Political Scientist Comments on Congressional Race

12 Nov 2012

Comments from UMaine political scientist Mark Brewer were included in a [Central Maine Morning Sentinel report](#) about the race for Maine's 2nd Congressional District that pitted Democratic incumbent and eventual winner Mike Michaud against Kevin Raye, Republican state senate president. Brewer said Raye's loss cannot be pinned on a Democratic wave election, as Raye has claimed, but rather the fact that strong and popular incumbents are hard to beat. Contact: Jessica Bloch, (207) 581-3777

TV Story on Veterans' Lunch

12 Nov 2012

A lunch in honor of UMaine's veterans, which was part of UMaine's Veterans Week activities, was featured in a Channel 5 (WABI) report. Thomas Banister, senior military instructor for UMaine's ROTC program, and Nancy Laffin, president of the UMaine Veterans Association, were interviewed for the story. Banister said likely one in five students on campus have some sort of military affiliation. The report also noted Maine first lady Ann LePage and U.S. Rep. Mike Michaud attended the lunch. Channel 7 (WVII) also covered the lunch. Contact: Jessica Bloch, (207) 581-3777

UMaine Extension Expert Demonstrates Balsam Tipping in TV Report

12 Nov 2012

Channel 2 (WLBZ) interviewed Dave Fuller of University of Maine Cooperative Extension for a feature on how to sustainably harvest balsam fir tips for wreath-making. Fuller said in order to sustain the life of a tree, its limbs should never be completely stripped of branches. Fuller also stressed getting any necessary permissions from landowners, and wearing orange during tipping season, which coincides with hunting season. Contact: Jessica Bloch, (207) 581-3777

Helping Substance-exposed Youngsters

19 Nov 2012

New \$3.9 million social services project to improve the well-being and safety of the youngest victims of substance abuse In Penobscot and Piscataquis counties, children ages 5 and under whose families are struggling with substance abuse will have improved well-being and safety, and a better chance of staying in or returning to their own homes rather than remaining in foster care under a five-year, \$3.9 million project led by the Bangor-based Families And Children Together (F.A.C.T.), the University of Maine School of Social Work, and a coalition of community organizations and agencies. The Penquis Regional Linking Project: Building Quality Services for Rural and Frontier Communities will receive \$797,405 annually for five years from the Administration for Children and Families, Children's Bureau's Promoting Safe and Stable Families program. The effort will involve at least 25 area service agencies, led by F.A.C.T. and Beverly Daniels, the executive director of F.A.C.T. Jennifer Middleton, a UMaine assistant professor of social work, is the lead researcher on the project and co-director of evaluation. "I am especially excited about this project because it is an exciting step toward establishing important community-university partnerships and addressing an issue of paramount importance to our region of the state," says Middleton, who joined the UMaine School of Social Work faculty in 2011. "Through the implementation of a trauma-informed system of care and the utilization of other evidence-based practices, this project has the potential to strengthen the system of care for families affected by substance abuse, helping parents and caregivers access important resources and reducing the isolation and stigma often experienced by these families," says Middleton, who will team in the project's evaluation with Len Kaye, a UMaine professor of social work and director of the Center on Aging. The project will address a particularly critical need in the Penquis region of

the state -- Penobscot and Piscataquis counties, and the Penobscot Nation, say the project coordinators. Maine has the highest opiate addiction rate per capita in the country at 386 per 100,000, compared to 45 per 100,000 for the U.S. and 131 for New England, according to Middleton. In addition, a recent and growing problem is the use of bath salts; of the state's 152 bath salts overdoses in 2011, 30 percent were in Penobscot County. The high opiate rate has resulted in a sharp increase in the number of babies born with intrauterine exposure to drugs, note the researchers. The statewide number has jumped from 165 babies affected in 2005 to 667 in 2011. Of those, 173 were opiate-exposed. At Eastern Maine Medical Center, the primary birthing hospital in the Penquis region, a third of all drug-exposed infants in Maine - 195 substance-affected newborns -- were treated in 2011. And the numbers continue to climb significantly in the Penquis region: The first two quarters of 2012 statistics regarding substance-exposed infants at EMMC show a 20 percent projected increase for this year, compared to 2011, Middleton says. The newly funded Penquis Regional Linking Project is a "community engaged" research project and one of the first of its kind in the nation to implement and evaluate a trauma-informed system of care for substance-exposed infants and their families. A program, agency or system that is trauma-informed is aware of the widespread impact of trauma and understands potential paths for healing. It recognizes the signs of trauma in clients, staff and others touched by the system, and responds by integrating knowledge about trauma into policies, procedures and practices. Specifically, a trauma-informed approach reflects a cultural change among service providers, reflected in the shift of asking, "What happened to you?" rather than "What's wrong with you?" The principles of trauma-informed care are especially applicable when working with families struggling with substance abuse, as a large majority of these families have a history of trauma and adverse childhood experiences. In the Linking Project, a specially trained "navigator" will partner with families dealing with substance abuse issues to assess their strengths and needs, build formal and informal supports, and reduce barriers to accessing resources. Services will include individualized and group prenatal and parenting education, access to substance abuse screening, and assistance with transportation. With such services in place, the youngest children in families struggling with substance abuse will not only be safer, but have a better chance of staying with their families and reducing their foster care system involvement, according to the project coordinators. Initially, an estimated 500 children up to age 5 and their parents or caregivers will receive navigator services, outreach and referral services, parenting education and trauma-informed family support. Across the country, people are recognizing the profound impact of trauma on individuals, families and society, according to the researchers. The largest and most widely recognized epidemiological study on the prevalence of childhood trauma and its impacts on health and well-being over the life span is the Adverse Childhood Experiences (ACE) study conducted jointly by the Centers for Disease Control and Kaiser Permanente. More than 17,000 Kaiser HMO members completed a confidential survey, reporting surprising high levels of adverse childhood experiences: Physical abuse (28 percent); sexual abuse (22 percent); emotional abuse (11 percent); living with a person who is depressed, suicidal, or diagnosed with a mental illness (17 percent); having a drug addicted or alcoholic family member (27 percent); witnessing domestic violence against the mother (13 percent); loss of a parent to death or abandonment, including divorce (23 percent); incarceration of a family member (6 percent); and physical (19 percent) and emotional (15 percent) neglect. Their "ACE scores" were then correlated with a wide range of physical health, behavioral health and social conditions. There were two major findings of the ACE study. First, ACEs are very common: 70 percent of subjects had one or more ACE, 25 percent had two or more, and one in six had four or more. Second, the impact of ACEs is cumulative: There is a significant positive relationship between adverse childhood experiences and a very wide range of adverse outcomes, including depression, hallucinations, panic and anxiety, flashbacks and dissociation, multiple somatic problems, sleep problems, impaired memory, smoking, obesity, suicide, self-injury, alcoholism and drug use, eating disorders, heart disease, autoimmune disease, lung cancer, chronic obstructive pulmonary disease, asthma, liver disease, skeletal fractures, sexually transmitted diseases, HIV/AIDS, and early death. The correlations between ACE scores and health and social problems in adulthood are very strong. Adverse childhood experiences affect adult health and well-being in two ways: They have a direct impact on the neurological development of the child, and they pre-dispose the individual to the use of coping strategies or behavioral adaptations that can cause physical and emotional problems. The Linking Project will dovetail into the existing Penquis District Linking Partnership to build a family-focused, integrated trauma-informed service system to mitigate the negative effects that substance abuse has on children and families. The Linking Partnership was created approximately one and a half years ago as a regional network of healthcare organizations, child welfare organizations, social service agencies, kinship care service providers, substance abuse treatment providers, public health agencies, institutions of higher learning including UMaine and the University of New England, and three offices in the Maine Department of Health and Human Services: Substance Abuse, Child and Family Services and the Family Drug Court Project. The Linking Project will enhance the partnership by collaborating with the Sanctuary Institute, a national agency based in Yonkers, N.Y., that helps organizations implement the trauma-informed, whole-system organizational approach known as the

Sanctuary Model. Furthermore, the Linking Project will be informed by a national trauma advisory council, consisting of key trauma experts from across the country, selected by project coordinators for their unique expertise regarding trauma-informed care, participatory action and qualitative research methods, and measurement of trauma-informed systems change. All service delivery implementation and project evaluation efforts will also be informed by consumers, namely parents and kinship providers of substance exposed infants in the Penquis Region. In addition to UMaine and F.A.C.T., other partnering agencies in the Linking Project include: Eastern Maine Medical Center; the Penobscot Nation; Wellspring Substance Abuse and Mental Health Services, Bangor Public Health Nurses; Maine Department of Health and Human Services, Office of Child and Family Services; Maine Department of Health and Human Services, Office of Substance Abuse; Maine Academy of Pediatrics; Maine Families; Maine Touchpoints Project; Helping Hands with Heart; Charlotte White Center; Acadia Hospital; Children's Developmental Services; Children's Growth Council; and WINGS. Grants by the Administration for Children and Families, Children's Bureau's Promoting Safe and Stable Families program were awarded to regional partnerships that provide, through interagency collaboration and integration of programs and services, activities and services designed to increase the well-being of, improve permanency outcomes for, and enhance the safety of children who are in out-of-home placements or are at risk of being placed in out-of-home placements as a result of a parent's or caretaker's substance abuse. The National Child and Family Services Improvement and Innovation Act (Pub. L. 112-34) includes a new targeted grants program (section 437(f) of the Act), that directs the Secretary of Health and Human Services to reserve a specified portion of the appropriation for regional partnership grants to improve the well-being of children affected by substance abuse. Contact: Jennifer Middleton, (207) 581-2408; Beverly Daniels, (207) 941-2347

University of Maine Cooperative Extension on Call to Answer Holiday Food-Safety Questions

05 Nov 2012

For consumers throughout the state with questions about safe food handling and preparation, leftovers or even recipes and nutrition as the holidays approach, a University of Maine Cooperative Extension team is only a phone call away for research-based answers. Six UMaine Extension food safety and nutrition specialists make up the team, which can be reached by calling the nearest county UMaine Extension office or dialing 1-800-287-0274, a statewide toll-free number. Many questions also can be answered online in a UMaine Extension publication. Specialists in UMaine Extension county offices also can answer most questions, says UMaine Extension statewide food-safety specialist Jason Bolton. Consumers can expect to receive a return call with answers within a few hours. Questions typically range from how to thaw a frozen turkey when time is short to handling leftovers safely to whether an older UMaine Extension recipe is still safe and valid. Bolton says the latter is a good question, because changing ingredient ratios in a recipe can make food unsafe to eat. Canning procedures are updated every year when results from new food preservation research are available, he says. Bolton recommends a food thermometer be included among essential kitchen utensils to be sure meat is cooked thoroughly. Poultry must be cooked at 165 degrees Fahrenheit, as a rule. "With large gatherings, it's pretty important not to have everyone make a trip to the hospital," he says, adding improper preparation can result in a variety of food-borne illnesses. "Once again, if in doubt, throw it out. If the turkey isn't prepared properly, then the whole family can get sick." Kate Yerxa, the UMaine Extension statewide educator for nutrition and physical activity, says the call team also can address questions about nutrition and serving the recommended food categories from the new U.S. Department of Agriculture's "My Plate" chart. Thanksgiving is typically a very healthy meal because of its heavy use of vegetables, and turkey is a lean protein food, she says. [The Cooperative Extension website](#) has a complete list of county offices and contact information. A UMaine Extension publication, "[Helpful Hints on Handling Turkeys for Thanksgiving](#)" includes tips for buying, thawing, stuffing, cooking and serving turkeys. Bolton and UMaine Extension food science specialist [Beth Calder expand in a video](#) on some of those tips and also discuss how to deal with holding food and leftovers. Other UMaine Extension food safety publications include "[Basic for Handling Food Safely](#)," and "[General Food Safety Tips for Preparing Food](#)". Contact: George Manlove, (207) 581-3756

Diversity on Campus

12 Nov 2012

[Click here to view "Multiculturalism and Programming for Multicultural Students at UMaine" video on YouTube.](#)

Points of Pride

12 Nov 2012

[Click here to view the “Points of Pride ” video on YouTube.](#)

UMaine Tobacco-Free Policy Wins Gold Star Award

13 Nov 2012

The University of Maine and the University of Maine Hutchinson Center in Belfast have been designated two of four institutions in the state to receive [Maine Tobacco-Free College Network](#) 2012 Gold Star Standards of Excellence Awards. An awards ceremony is scheduled Nov.15 in Bangor. On Jan. 1, 2011, UMaine became one of a few institutions in Maine to ban tobacco on its campus. It received a Gold Star award from the tobacco-free college network last year. The policy was implemented on a voluntary basis in its first year, and became mandatory Jan. 1, 2012. The policy is intended to extend university student and employee wellness initiatives and to foster a healthier, more productive living and learning environment while reducing health care costs. The Hutchinson Center, a UMaine satellite campus, also adopted a campus-wide ban on smoking and tobacco products Jan. 1, 2011. In addition to students and university employees, the policy applies to contractors, vendors and visitors. Other institutions also scheduled to receive the Gold Star Standards of Excellence Awards from the Maine Tobacco-Free College Network are Kennebec Valley Community College and the University of Southern Maine. Winning silver awards are Northern Maine Community College, Unity College, University of Maine at Presque Isle and the University of New England. The University of Maine at Machias will receive a bronze star award. Lauri Sidelko, co-chair of UMaine Tobacco-Free Campus, says the policy seems to have caused a reduction in smoking at UMaine. Contact: George Manlove, 207.581.3756

California Newspaper Notes UMaine Astronomy Contract

13 Nov 2012

[The North County Times in California](#) noted in an article that the Oceanside Photo & Telescope company signed a \$175,000 contract with the University of Maine to install an Ash-Dome and astronomy equipment as part of a plan to build a new combined planetarium and observatory in 2014 on the UMaine campus. The current Maynard Jordan Planetarium has relied on a 100-year-old telescope for students and members of the stargazing public. Contact: George Manlove, 207.581.3756

Yahoo Website Reports UMaine Obesity, Health Costs Research

13 Nov 2012

[The Yahoo! Finance website](#) carried an Associated Press report of research by University of Maine economist Todd Gabe that projects the medical costs of obesity for children and adolescents in Maine could reach \$1.2 billion over the next 20 years. Gabe calculated that medical care of obesity cost \$453 million in Maine last year. Contact: George Manlove, 207. 581.3756

Markowsky Comments in Bloomberg Businessweek Feature

13 Nov 2012

George Markowsky, mathematician and UMaine professor of computer science, was interviewed by [Bloomberg Businessweek](#) for an article on Arizona financial analyst and adviser Tom DeMark, who has garnered industry respect and recognition for his financial forecasting based on a mathematical formula called the Fibonacci sequence, or the golden mean. Markowsky, who said the increasing fervor over such financial analysis isn't based on fact, wrote a paper 20 years ago rejecting most of the claims of golden mean believers, the article said. Contact: George Manlove, 207.581.3756

UMaine's Highmoor Farm Featured

13 Nov 2012

[The Central Maine Morning Sentinel](#) published a feature story about the University of Maine College of Natural Sciences, Forestry, and Agriculture's Highmoor Farm Agricultural Experimental Station in Monmouth and its research on pest management. David Handley, University of Maine Cooperative Extension vegetable and small fruit specialist based at Highmoor, and Highmoor superintendent Greg Koller discussed the university's integrated pest management policies, including how to control the spotted wing drosophila, a breed of fruit fly originally from Asia that now threatens soft-skinned fruits and vegetables, including blueberries and raspberries. The website Fresh Plaza also carried the story. Contact: George Manlove, 207.581.3756

Newspaper Reports on \$3.9 Million Project to Combat Substance Abuse

13 Nov 2012

[The Bangor Daily News](#) published a report about a \$3.9 million project by the University of Maine and a Bangor social services agency to help improve the lives of children whose families are affected by substance abuse. Jennifer Middleton, a UMaine assistant professor of social work, is the lead researcher for the five-year project. [A news release](#) has more information. Others involved in the project are the Bangor-based Families and Children Together and a coalition of more than 25 community organizations. Contact: George Manlove, 207.581.3756

Sally Martin (Cope) Jacobs Passes Away

14 Nov 2012

Sally Jacobs, who taught biochemistry for 35 years at the University of Maine and played a key role in procuring funding for bicycle trails connecting UMaine with Orono and Old Town, passed away Monday, Nov. 12, after a yearlong battle with cancer, according to an obituary in the Bangor Daily News. Jacobs moved to Orono in 1963 with her husband, Richard Morris Jacobs, who was professor emeritus of music at UMaine. In addition to teaching, she was active in land conservancy and preservation. Sally Jacobs received the Steve Gould Award from UMaine for Outstanding Service to the University and its Ideals, and the Maryann Hartman Award, which is given annually by the University of Maine Women in the Curriculum and Women's Studies Program. Survivors include Jacobs' partner, two daughters, a son and four grandchildren. Friends are invited to gather with the family 3 p.m.–5 p.m. Saturday, Nov. 17, at the Orono Chapel of Brookings-Smith, 72 Main St., Orono. A memorial service will be held 4 p.m. Sunday, Nov. 18, at Church of Universal Fellowship, 82 Main St., Orono. Family and friends are invited to a reception in the church vestry after the service. Donations in honor and loving memory of Sally may be made to the Orono Land Trust at oronolandtrust.org or New Hope Hospice Memorial Fund at newhopehospice.org/donate. Contact: Jessica Bloch, 207.581.3777

UMaine Author Kris Sproul Book Signing Nov. 14

14 Nov 2012

The University Bookstore will host a book signing from 3 p.m. to 4:30 p.m. Wednesday, Nov. 14, with UMaine student and author Kris Sproul Devine autographing copies of her first novel, "Beaten, Blinded by Love." Devine, writing as Kris Sproul, is a native of Cherryfield, Maine, and a journalism major at UMaine. University Bookstore will have copies of Sproul's crime novel available for purchase. "We're excited to be a part of Ms. Sproul's promotion of her first novel," says Keven Higgins, associate director of the bookstore. "It's important to us to support UMaine authors, whether they are alumni, faculty, staff, or in this case, a current student." "Beaten, Blinded by Love" is about a police officer who is the granddaughter and daughter-in-law of the dual heads of an inner-city crime family. A series of life-threatening events force the woman to disappear with her young son to start a new life, but as she dives into a new identify in a new home, events of her past begin to complicate matters and again jeopardize their lives. Contact: George Manlove, 207.581.3756

Channel 7 Features Moose Lungworm Research

14 Nov 2012

Channel 7 (WVII) interviewed University of Maine Cooperative Extension veterinarian Anne Lichtenwalner and recent UMaine veterinary sciences graduate and research assistant Darryl Ann Girardin for story broadcast in the 6 p.m. news on Nov. 9 about a two-year research project helping the Maine Department of Inland Fisheries and Wildlife determine how prevalent a possible new parasite, lungworm, is in moose in Maine. Girardin and Lichtenwalner began analyzing lungs from hunted moose in northern Maine last fall at the UMaine Animal Health Laboratory to genetically identify lungworms in moose. They are exploring the possibility that a lungworm normally found in deer and sometimes livestock can migrate to new host species, which in this case is moose. Contact: George Manlove, 207.581.3756

Segal 'Edutopia' Blog in BDN

14 Nov 2012

In his inaugural [Bangor Daily News blog](#), University of Maine professor of history Howard Segal discusses well-intentioned initiatives to improve education in the United States through the introduction of high-tech hardware and software. Citing filmmaker George Lucas's Edutopia Foundation and former Maine Gov. Angus King's school laptop initiative, Segal said that pre-existing cultural values, traditional political institutions and human nature also play a role in educational reform "that even the most powerful tools and machines cannot readily transcend." Contact: George Manlove, 207.581.3756

Social Work Researcher in Report on Project to Help Children

14 Nov 2012

University of Maine assistant professor of social work Jennifer Middleton was interviewed for a [Channel 7 \(WVII\)](#) report that appeared during the 7 a.m. news on Nov. 14. The report detailed a \$3.9 million, federally funded, five-year collaborative project led by the Bangor-based Children and Families Together and the UMaine School of Social Work to help families afflicted by substance abuse. The project will study and create a "trauma-informed system of care and the utilization of other evidenced-based practices" to strengthen support services for families struggling with substance abuse, according to Middleton, who is among the project leaders. Contact: George Manlove, 207.581.3756

Rubin Comments in Vehicle Efficiency Standards Article

15 Nov 2012

Comments from University of Maine professor of resource economics Jonathan Rubin were included in a [Massachusetts Institute of Technology news article](#) about an MIT study on new government standards to improve motor vehicle efficiency. The researchers said that while recent efficiency requirements may save consumers money and cut carbon emissions, an "economy-wide" carbon tax might provide more consumer incentive to buy more efficient vehicles. Rubin, who chairs the Transportation Energy Committee of the Transportation Research Board (TRB), said the research makes an important science-based contribution to policymaking. Contact: George Manlove, 207.581.3756

UMaine Bridge Technology Noted in Company Profile

15 Nov 2012

[A profile in Mainebiz](#) on the Richmond-based Wyman & Simpson engineering and construction company noted that the composite-concrete technology the company has been using to build lightweight, economical bridges came from the University of Maine Advanced Structures and Composites Center research and development. Company president and UMaine alumnus Doug Herman said the company used a similar but different composite technology for two recent lightweight carbon-fiber tube bridges in Auburn and Bradley. Contact: George Manlove, 207.581.3756

Channel 7 Notes UMaine Blood Drive

15 Nov 2012

Channel 7 (WVII) noted on its website that the University of Maine New Balance Student Recreation Center is hosting a blood drive from 11 a.m. to 5 p.m., Nov. 14–15, organized by the Bodwell Center for Service and Volunteerism to benefit the American Red Cross. Contact: George Manlove, 207.581.3756

Newspaper Reports Sally Jacobs' Passing

16 Nov 2012

[The Bangor Daily News](#) published an article about former UMaine biochemistry professor and longtime conservationist Sally Jacobs of Orono, who passed away Nov. 12. Jacobs, who taught at UMaine for 35 years after moving to the state in the early 1960s, advocated for conservation and is credited with establishing several significant bicycle trails, including the 85-mile Sunrise Trail between Ellsworth and Calais, and locally, on the banks of the Stillwater River and on the University of Maine campus. [Jacobs' Bangor Daily News obituary](#) has more information. Contact: George Manlove, 207.581.3756

Kinghorn Award Noted in Bangor Daily News Story

16 Nov 2012

University of Maine Museum of Art director and curator George Kinghorn was noted in a [Bangor Daily News story](#) for winning an award during an event sponsored by Bangor Fusion, the Bangor Region Chamber of Commerce's networking group of younger residents. Kinghorn won the the Fusion Leadership and Vision Award (FLAVA), which recognizes an individual, organization or business that promotes the common good of young people in the Bangor region and who inspires young professionals to reach their greatest personal and professional potential while making an impact on the quality of life in the community. Contact: Jessica Bloch, 207.581.3777

Two UMaine Students and an Alumnus Reported Killed in Friday Plane Crash

18 Nov 2012

Two University of Maine students and a 2011 alumnus were reported killed in a crash of a single-engine plane Nov. 16 at the Knox County Regional Airport in Owls Head, Maine. All three were members of the UMaine chapter of Lambda Chi Alpha, according to fraternity members. The Knox County Sheriff's Department, which is leading the investigation, says DNA test results to officially confirm the identities of the victims are not expected until Wednesday. The students reported to have been killed, according to the fraternity members, are: David Cheney, 22, of Beverly, Mass., a business major and president of Lambda Chi Alpha; and Marcelo Rugini, 24, a foreign exchange student who lived in Nobleboro, Maine, and was from Muliterno, Rio Grande do Sul, Brazil. He was an economics major at UMaine. Also reported killed was William "B.J." Hannigan III, 24, of South Portland, Maine, who graduated from UMaine in 2011 with a bachelor's degree in civil engineering. "Friday night, the University of Maine community lost three outstanding young men," says University of Maine President Paul W. Ferguson. "In their leadership and involvement in the UMaine community, they touched the lives of students, faculty and staff. At this difficult time, our thoughts are with their families and friends, near and far." News reports indicate that the Cessna 172 was taking off when it struck a pickup truck driving across the runway. The plane crashed into a wooded area at approximately 5 p.m. Friday. "UMaine's Greek and international student communities are mourning the loss of three of their own, but they are not alone in their grief," says Robert Dana, vice president for student affairs and dean of students. "Losing these three young men — David, Marcelo and B.J. — is a loss for the entire UMaine community and the many people — including faculty and staff — whose lives they touched. They brought great light and energy to our campus, and we will miss them. Our thoughts and prayers are with their families and friends." Any student affected by this event who would like an opportunity to talk with someone can contact the UMaine Counseling Center, 581.1392. Faculty and staff with similar concerns can contact the Employee Assistance Program, 581.4014. Contact: Margaret Nagle, 207.581.3745 or 207.949.4149

WABI Reports on Ferguson's Blue Sky Project Presentation

29 Oct 2012

WABI (Channel 5) reported on University of Maine President Paul Ferguson's presentation about the Blue Sky Project at the Wells Conference Center.

Maine Campus Quotes President Ferguson About Communications Summit

12 Nov 2012

University of Maine President Paul Ferguson was quoted in a [Maine Campus](#) article about a new university directory and brand standards introduced by UMaine's Division of Marketing and Communications.

UMaine Lab Maintains one of World's Most Comprehensive Collections of Frog Fungus Cultures

27 Nov 2012

In the November issue of the journal *Molecular Ecology*, a U.S. and Brazilian research team reported evidence of novel and hybrid strains of a lethal fungus that has decimated amphibian populations worldwide. The paper, which was featured in the journal's *News and Views* article, reported on the genetic diversity of the fungus on introduced, native and cultivated North American bullfrogs that supply the global market for frog legs. The genetic work was possible with the help of one of the most comprehensive collections of frog fungus cultures in the world — the Maine Chytrid Laboratory, led by mycologist Joyce Longcore, a research associate professor in the University of Maine's School of Biology and Ecology. For more than a quarter century, Longcore has isolated and cultivated aquatic fungi known as chytrids. Her cultures are a resource for studying the relationships of these microscopic fungi and have been used in recent descriptions of several new taxonomic orders. Her cultures of the fungus that causes chytridiomycosis in amphibians, scientifically known as *Batrachochytrium dendrobatidis* (Bd) reflect samples from all over the world and are used in labs in the United States, Central America and Europe to study pathogenicity, host resistance and distribution of the fungus. In this specialized field of amphibian disease research, the Maine Chytrid Laboratory is to frog fungi what The Jackson Laboratory is to mouse strains. Longcore was the first to isolate a pure culture of the chytrid in 1997 in response to a die-off of exotic frogs in captivity at the Smithsonian National Zoological Park in Washington, D.C. Simultaneously, scientists found the organism decimating frog populations in Australia and Central America. Not only are Longcore's cultures key to understanding origins and implications of Bd, but her methods for culturing the problematic pathogen bring international researchers to her door. Schloegel, the lead author of the *Molecular Ecology* paper, and co-author Luis Toledo of UNICAMP in Brazil both learned to isolate Bd in the Longcore lab. In collaboration with another of the co-authors, Timothy James of the University of Michigan, Longcore's cultures have been instrumental in earlier papers on Bd genetics, as well as studies examining the relationships among other chytrid fungi. Researchers continue to seek answers about the origins of Bd and why it kills certain amphibian species and not others. Just as important, scientists continue to fathom what the loss — and, in some cases, the extinction — of amphibian species means to the environment. The spread of the fungus that causes chytridiomycosis is symptomatic of the homogenizing of environments, according to Longcore. Through global trade of wildlife, invisible pathogens are introduced that can have far reaching consequences, such as the Bd-associated, drastic declines in amphibian populations on at least four continents. In all of these regions, including Maine, where amphibian declines have not been reported, amphibians are infected with the same global pathogenic genetic lineage of the fungus. With the finding from Brazil of a novel strain and a hybrid strain that is intermediate between the novel strain and the global pathogenic strains, scientists know that genetic diversity of the fungus is more complex than first realized and, importantly, that different strains can recombine, Longcore says. "Humans have helped spread this strain by the international trade in amphibians," says Longcore. "The take-home message of this particular fungus, and this particular paper, is that if we keep exposing different strains of the fungus to each other, we have the potential of another recombination event, and we don't know how virulent that next strain will be." Contact: Joyce Longcore, 207.581.4396

UMaine Business Experts Available for Holiday Shopping Forecast

19 Nov 2012

University of Maine business and economics specialists are available to discuss trends and the implications for local and national economies of holiday shopping this year. UMaine Cooperative Extension business and economics specialist and professor of economics Jim McConnon is available at 207.581.3165 to discuss retailers' expectations for Black Friday, traditionally the busiest holiday shopping day of the year and the Friday after Thanksgiving. Nory Jones, Maine Business School professor of management information systems, is available at 207.581.1995 to discuss the importance of Cyber Monday, the first Monday after Thanksgiving, which is viewed as the most lucrative online shopping day in the year. National Retail Federation (NRF) surveys indicate up to 147 million shoppers will visit stores and shop online on Black Friday weekend, Nov. 23–25, down slightly from last year, but the national retail watcher also says 52.8 percent of Americans already have started their holiday shopping, up from 51.4 percent in 2011. The federation predicts shoppers will spend as much as 4 percent more this year on gifts and personal purchases than last year. Nationally, studies and surveys are showing that while holiday spending is expected to rise this year, consumers are still considered cautious and careful bargain hunters. Some retail giants have announced special savings and sales as early as Thanksgiving Day, or even sooner, in an effort to relieve the pressure on the two traditionally busy shopping days. The NRF also expects an increase in gift card purchases this year. Contact: George Manlove, 207.581.3756

Talking Turkey

19 Nov 2012

[Click here to view the “Holiday Food Safety Tips” video on YouTube.](#)

Careers in Engineering Technology

19 Nov 2012

[Click here to view the "Job Opportunities in Engineering Technology" video on YouTube.](#)

UMaine Symphonic Band Concert Includes Novel Electric Guitar Solo

19 Nov 2012

A University of Maine Symphonic Band concert at 7:30 p.m., Thursday, Dec. 6 at the Collins Center for the Arts will feature an electric guitar solo, an atypical mix of instrumentation. The addition of electric guitar to a wind and percussion ensemble is a result of collaboration by UMaine senior music education major and electric guitar player Blake Ford and Symphonic Band Director Chris White. After Ford expressed interest in performing music written for an electric guitar solo in a wind band, he and White found a piece, “Chaos Theory 3.0 Concerto for Electric Guitar and Wind Orchestra,” by composer, sound designer and guitarist Jim Bonney. “In this piece, I wanted to fuse progressive hard rock intensity with classical sophistication,” Bonney says about Chaos. “Because of its variety of tonal color and wide dynamic range, I believe the electric guitar has a role in contemporary concert music.” White says including the piece in the Dec. 6 concert exposes a large number of guitar players in the School of Performing Arts to the wind band medium and wind band players to guitarists. The Symphonic Band is an auditioned group of 45 of the best wind and percussion musicians at UMaine. Along with Chaos Theory 3.0, the concert will include works by Clifton Williams, R. Vaughan Williams, Dana Wilson, Johan Halvorsen, Frank Ticheli and R. B. Hall. Tickets are \$12 or free with a student MaineCard, they can be purchased at the Collins Center for the Arts box office. Contact: George Manlove, 207.581.3756

News Reports on UMaine Students, Alumnus Deaths

19 Nov 2012

Multiple news organizations, including ABC World News, the Washington Post and [USA Today](#) carried an Associated Press article on the deaths of two University of Maine students and a recent alumnus in an airplane crash Nov. 16 at the

Knox County Regional Airport in Owls Head. Coverage included interviews UMaine Vice President for Student Affairs Robert Dana, who said the university community is reeling from the immense loss of alumnus William “BJ” Hannigan and students David Cheney and Marcelo Rugini, all members of the Lambda Chi Alpha fraternity. Other news media reporting on the incident included the [Bangor Daily News](#), [the San Francisco Chronicle](#), Channel 5 (WABI), Channel 2 and Channel 7 (WVII). [A Portland Press Herald article](#) included interviews with family and friends of the men, and a second [Press Herald article](#) included comments from the airport manager and a representative from a local air service based at Owls Head. [A Fox News report](#) included comments from UMaine President Paul Ferguson, as did the Bangor Daily News, [which also published a separate profile](#) on Rugini, a UMaine dean’s list student from Brazil studying under a four-year scholarship. Contact: George Manlove, 207.581.3756

UMaine Amphibian Fungus Lab Noted in Research Report

20 Nov 2012

[The science website PhysOrg](#) has posted an article about the discovery of novel and hybrid strains of a fungus lethal to amphibians that was made possible through an extensive collection of frog fungus cultures from around the world at the Maine Chytrid Laboratory in UMaine’s School of Biology and Ecology. UMaine mycologist Joyce Longcore, a research associate professor, has studied, isolated and cultivated aquatic fungi known as chytrids for more than 25 years and is considered one of the world's foremost experts in the field. Contact: George Manlove, 207.581.3756

News Reports Continue in Aftermath of Plane Crash

20 Nov 2012

Several news organizations continued reporting on the investigation into the fatal aircraft crash Nov. 16 at the Knox County Regional Airport, in which two University of Maine students and a recent graduate died. Coverage included reports by Channel 2 (WLBZ), Channel 7 (WVII) and the [Bangor Daily News](#). [An earlier Bangor Daily News article](#) about grieving friends of the three UMaine fraternity members noted that Lambda Chi Alpha went on with a holiday food drive. Several members from other fraternal organizations and Robert Dana, vice president for student affairs at UMaine, were interviewed for the article. Contact: George Manlove, 207.581.3756

Maine Sea Grant Lobster Symposium Advanced

20 Nov 2012

[The Ellsworth American’s fenceviewer website](#) has advanced the four-day international conference, “The American Lobster in a Changing Ecosystem: A U.S.-Canada Science Symposium,” Nov. 27–30, on the status of the lobster fishery, being held at the Holiday Inn by the Bay in Portland. Rick Wahle, a research associate professor in the UMaine School of Marine Sciences, will co-chair the conference with Andrea Battison of the University of Prince Edward Island and Paul Anderson of Maine Sea Grant. The conference will explore successes and challenges within the fishery, including disease and mass mortality. Contact: George Manlove, 207.581.3756

Coastal Paper Notes Mideast Talk by UMaine’s Singleton

20 Nov 2012

[The Penobscot Bay Pilot newspaper](#) has published an advance about a free public talk, “Running on Empty: U.S. Policy in the Middle East,” at 8:15 p.m., Tuesday, Nov. 27 at the Belfast Public Library by UMaine Librarian Professor in International Relations Seth Singleton. Contact: George Manlove, 207.581.3756

Segal Op-Ed Discusses Significance of Morrill Land-Grant Act

20 Nov 2012

[An opinion piece in The Times Higher Education magazine](#) by University of Maine professor of history Howard Segal

discusses the importance of the 1862 Morrill Land-Grant Act signed by President Abraham Lincoln, which created of a system of public colleges in the United States. Segal asserts that although it was widely considered that land-grant colleges and institutions would have practical, job-creating components, it was never assumed that liberal arts would not have a place, too. Segal suggests that in commemorating the Morrill Act this year, critics of higher educational curricula should remember that Morrill and his fellow legislators envisioned a broader educational spectrum than one “reducible to the bottom-line quarterly corporate reports.” Contact: George Manlove, 207.581.3756

Newspaper Reports on UMaine Obesity, Costs Study

20 Nov 2012

[Foster's Daily Democrat newspaper](#) has posted online an Associated Press article about research by UMaine economist Todd Gabe, who calculated recently that obesity will grow from 7.8 percent of Maine's youth to nearly 26 percent as the youths grow into obese adults, without intervention, costing \$1.2 billion in the next 20 years. Contact: George Manlove, 207.581.3756

UMaine-Based Maine Sea Grant to Host Lobster Symposium

19 Nov 2012

The status of the American lobster over the last decade is a story of contrasts. While lobster numbers from the Gulf of Maine northward have climbed to historic highs, southern New England has been plagued by disease and mass mortality. Coastal communities in Atlantic Canada and Maine are more dependent on the lobster fishery than ever before. Yet, for the first time, southern New England harvesters face the prospect of a moratorium on lobster fishing. To what extent has the American lobster been affected by the fundamental changes that have occurred over the past few decades in the climate and food web of the Northwest Atlantic, as well as the economics of seafood? This question and others will be addressed at “The American Lobster in a Changing Ecosystem: A U.S.-Canada Science Symposium,” which will be held Nov. 27–30 at the Holiday Inn by the Bay in Portland, Maine. Aiming to promote broad dialogue among academic, industry and government researchers on both sides of the border, the event will feature more than 80 scientific talks and posters on four main themes: anthropogenic and environmental stressors; foodweb dynamics; human-natural systems and ecosystem-based management; and population connectivity. Rick Wahle, a research associate professor in UMaine’s School of Marine Sciences, is co-chairing the conference along with Andrea Battison of the University of Prince Edward Island and Paul Anderson of Maine Sea Grant. Wahle envisions the symposium as a forum to examine *Homarus americanus* in the context of its changing environment. “We hope this event will be a space for researchers to share new findings, identify region-wide research gaps and priorities, and catalyze new collaborations,” Wahle says. The conference themes will be introduced by prominent figures in the world of lobster fisheries: Jeff Shields of the Virginia Institute of Marine Science will present on stressors and diseases; Robert Steneck of UMaine’s School of Marine Sciences on the changing foodweb; Michael Fogarty of the National Marine Fisheries Service on the human dimensions of ecosystem-based management, and Lew Incze of UMaine’s School of Marine Sciences on the connections between Atlantic lobster populations. Sessions will conclude with an opportunity for symposium attendees to participate in open, moderated discussions about each theme. “We’ve had a great response from lobster researchers, which highlights the need for such a symposium at this time. We are looking forward to an informative event for idea exchange,” says Battison. The symposium is open to the public with a \$130 registration fee. The fee for students is \$80. For more information about the symposium, including the schedule and registration information, go to seagrant.umaine.edu/lobster-symposium. Contact: Rick Wahle, 207.841.7723 or richard.wahle@maine.edu; Catherine Schmitt, 207.581.1434 or catherine.schmitt@umit.maine.edu

Galician Studies Group Founded at UMaine Wins International Award

21 Nov 2012

The International Galician Studies Association, founded by professor of Spanish Kathleen March in 1985 at the University of Maine, has been awarded the Premio Nacional da Cultura Galega (National Prize for Galician Culture) from the Galician government, A Xunta. The Galician studies association seeks to increase awareness of Galician

language and culture worldwide, and has developed its goals chiefly in the academic area of higher education. The honor recognizes the work begun 27 years ago by people who valued the minority language and culture as a valid area of research and teaching, according to March. Since its creation in Orono, the association has expanded and holds a conference every three years in places that include Brown University, City University of New York, Oxford (England), Trier (Germany), Havana, Barcelona, A Bahia (Brazil), Santiago de Compostela and ,in September, Cardiff, Wales. The 2015 conference of the Asociación Internacional de Estudios Galegos is scheduled to be held in Buenos Aires, where thousands of Galician immigrants arrived in the 19th century and many more arrived as political exiles after the Spanish Civil War ended in 1939. Contact: George Manlove, (207) 581-3756

Newspaper Feature Cites UMaine Seaweed Workshop

21 Nov 2012

A feature article in the [Free Press newspaper in Rockland](#) about seaweed becoming a more common niche snack referred to a seaweed aquaculture workshop held in August by Maine Sea Grant at the University of Maine to discuss emerging new uses for seaweeds. Seaweed is used for animal feed supplements, fertilizers and, increasingly, healthy snack foods. Contact: George Manlove, 207.581.3756

UMaine Community Collecting Food, Clothing, Cash, Books to Help Less Fortunate

27 Nov 2012

University of Maine students, faculty and employees are collecting food, clothing, cash and books to help the less fortunate this holiday season. Dozens of initiatives are under way through November and into December, led by student groups, student-athletes, fraternities and sororities, and academic programs. What follows is a partial list: The UMaine College of Education and Human Development, in collaboration with the University Bookstore, is accepting donations for its traditional holiday children's book drive through Nov. 30. New, unwrapped books suitable for toddlers through teens may be dropped off at 151 Shibles Hall or at the Bookstore. The Old Town-Orono Kiwanis Club will collect books, wrap and distribute them at the organization's annual holiday party for area children, a 35-year partnership with UMaine. In addition, the Bookstore is offering 20 percent discounts on books purchased there for the drive, and for every book purchased and donated, the Bookstore will match the donation. The University of Maine Student-Athlete Advisory Committee is among the groups collecting for Toys for Tots again this year. Black Bear fans are asked to bring toys to the men's ice hockey games Nov. 30 or Dec. 1, or to the men's basketball game Dec. 6. In addition, there is a donations box in Bear Necessities at Alford Arena. The University of Maine Athletics Department also plans a teddy bear toss during the first intermission at the men's ice hockey game against Vermont Nov. 30. Fans may bring new or gently used stuffed animals to throw onto the ice. The Bodwell Center, with Phi Gamma Delta fraternity, Pi Beta Phi sorority and other groups on campus, also is collecting toys and gifts in partnership with Crossroads Ministries for its Holiday Sharing Program. Donations can be brought to the Bodwell Center, 311 Memorial Union, or dropped in one of several donation boxes on campus, according to Bodwell Center coordinator Lisa Morin. In addition, the Alpha Tau Omega fraternity is coordinating its second annual Blue and Gold donation drive to collect in clothing, nonperishable foods and gifts for children. Members have set up trees in the Memorial Union that various campus groups are decorating, and then filling nearby boxes with nonperishable goods. This year, the organization is working with the Salvation Army. For additional information, contact Elek Pew, elek.pew@umit.maine.edu. The offices of Student Records, Student Financial Aid and Student Employment are holding a food drive from Friday, Nov. 30 through Friday, Dec. 21. Canned and nonperishable foods will go to the Manna Ministries Food Pantry. Donations can be dropped off 10 a.m.–4:30 p.m., Monday–Friday, 100 Wingate Hall beginning Nov. 30. For information, contact Daniel Lamson, 207.581.1308, or Meredith Lee, 207.581.1336. U.S. military troops will be the beneficiaries of a holiday cards and letters project coordinated by the Bodwell Center for Service and Volunteerism, students from communication and journalism professor Claire Sullivan's CMJ 345 class, and the National Society of Collegiate Scholars. Students, faculty and staff through Dec. 1 are writing cards and letters of thanks to soldiers and their families to be sent through a clearinghouse by the American Red Cross and Pitney Bowes. Information, including requirements for overseas mail, is available by calling the Bodwell Center, 207.581.3091. Through funds collected from its "jeans Fridays" and internal fundraising, the University of Maine Alumni Association is donating \$500 to Ann's House shelter for women and children in Bangor and \$250 to the Good Samaritan Agency for pregnant women and teens in Bangor this month. The

association is designating a different local charity to support each month with help from the university community. In December, the association will collect items and cash donations for Star Bright Animal Rescue in Glenburn. Donations can be dropped off at the Buchanan Alumni House. For information, contact Betty-Jo Watt, 207.581.1217. Students in a Maine Business School (MBS) class taught by Martha Broderick, senior lecturer of business and commercial law, and MBS Corps student volunteers have contributed more than 150 cans and boxes to the Bodwell Center's Black Bear Exchange food pantry in Estabrooke Hall this month to help members of the campus and outside communities in need of food assistance. Some students contributed cash to help UMaine students who are running out of funds and food, according to Broderick. Students in Broderick's classes have been collecting food donations for other local cupboards every semester for more than 15 years, and this year is donating through the Bodwell Center. The School of Biology and Ecology has raised money and is collecting food for Crossroads Ministries in Old Town, gently used outerwear for the Bangor Homeless Shelters and Services for the Needy, and beginning Dec. 3, holiday gift donations, according to Susan Anderson, administrative associate in the school. Earlier, the Kappa Sigma fraternity raised more than \$500 through its gently used jackets, coats, hoodies and sweaters sale to benefit the Fisher House Foundation, which provides temporary housing for families of veterans hospitalized due to illness, disease or injury, according to member Jonathan Carney. UMaine's Classified Employees Advisory Council, in conjunction with the UMaine Student Athletic Advisory Committee and the Bodwell Center, also collected \$75 worth of food and \$550 in cash during their annual "Stuff the Bus" project Homecoming Weekend to benefit the Black Bear Exchange. And students rolled up their sleeves in mid-November for an American Red Cross blood drive at the New Balance Student Recreation Center, organized by the Bodwell Center. Contact: Lisa Morin, 207.581.4194 or George Manlove, 207.581.3756

The freshest contributions

26 Nov 2012

[Click here to view the "How farmers' markets can donate food to Maine Harvest for Hunger" video on YouTube.](#)

Food safety and water quality

26 Nov 2012

[Click here to view the "Well-water testing for food producers" video on YouTube.](#)

UMMA Hosting Family 'Art Factory' Dec. 1

26 Nov 2012

[The University of Maine Museum of Art](#) in Bangor is hosting its 5th annual "Art Factory" from 11 a.m.–4 p.m. on Saturday, Dec. 1, a free event for creative expression by area families. Art Factory is an opportunity for families to spend a day at the art museum at 40 Harlow St. in Bangor to engage in hands-on artistic projects, including creating holiday cards, holiday ornaments and hand-made gifts. Activities are free as a result of support from WBRC Architects and Engineers. For additional information, please call 207.561.3350. Contact: George Manlove, 207.581.3756

McConnon Comments in Regional Economies Report

26 Nov 2012

Comments from Jim McConnon, business and economics specialist and professor of economics with University of Maine Cooperative Extension and the UMaine School of Economics, were included in a [Bangor Daily News article](#) about the increasing strength of the Portland-area economy. The Bangor-area economy also is important as a service center for northern and eastern Maine, according to the article, which notes that McConnon has developed a method based on taxable retail sales figures to measure a community's success in attracting money from outside its confines. Contact: George Manlove, 207.581.3756

UMaine Student Reflects on Lebanon Visit in Column

26 Nov 2012

[In an opinion column in the Bangor Daily News](#), University of Maine economics and political science major Justin Lynch of Sarasota, N.Y. commented on the Israel-Hamas conflict and current cease-fire. In spite of the aggression by military factions, Lynch, who discussed his own recent visit to Lebanon, said the people in the streets he spoke with clearly want an end to the fighting. Contact: George Manlove, 207.581.3756

Fried Blog Discusses U.S. Elections, Montenegro Perspectives

26 Nov 2012

University of Maine professor of political science Amy Fried discussed in her Bangor Daily News blog [Pollways](#) her recent trip to Montenegro as a guest consultant invited by the United States Embassy there to explain the American electoral system during recent presidential elections. Contact: George Manlove, 207.581.3756

Memorial Service Scheduled for Lambda Chi Alpha Members

27 Nov 2012

The University of Maine Interfraternity and Panhellenic councils, in conjunction with the UMaine chapter of Lambda Chi Alpha, will hold a memorial service at 6 p.m., Tuesday, Nov. 27 for the three fraternity members killed earlier this month in a plane crash at Knox County Regional Airport in Owls Head, Maine. Tuesday's memorial service will be held in Hauck Auditorium. Three members of Lambda Chi Alpha will eulogize the two UMaine students — David Cheney and Marcelo Rugini — and 2011 alumnus William "B.J." Hannigan III. Among those also expected to offer remarks will be a representative of UMaine's Greek community and Robert Dana, UMaine vice president for student affairs and dean of students. The memorial service will be followed by a short candlelight vigil on the Mall at the steps of Fogler Library. The three fraternity members were killed Nov. 16 when their single-engine plane crashed. David Cheney, 22, of Beverly, Mass., was a business major and president of Lambda Chi Alpha. Marcelo Rugini, 24, a foreign exchange student who lived in Nobleboro, Maine, and was from Muliterno, Rio Grande do Sul, Brazil, was an economics major. William "B.J." Hannigan III, 24, of South Portland, Maine, graduated from UMaine in 2011 with a bachelor's degree in civil engineering. Contact Margaret Nagle, 207.949.4149

Pacific Cod as Paleothermometers

27 Nov 2012

Otoliths of prehistoric Pacific cod function as paleothermometers, revealing how the species endured fluctuating ocean temperatures 500 years ago during the Little Ice Age, according to a research team led by a University of Maine anthropologist. Fish have three pair of otoliths or ear stones — calcium carbonate structures found in the inner ear that are used for acoustic perception and balance. In Pacific cod, the largest and most useful for oxygen isotope analysis is the sagittae, which grows in daily, seasonal and yearly bands, much like tree rings. These growth rings can be counted to estimate the age of the fish and sampled to understand such factors as changes in the environment. The sagittae's size also increases the odds of it being preserved in the archaeological record. Catherine West, a UMaine assistant professor of anthropology and climate change, has used oxygen isotopes in Pacific cod otoliths to reconstruct Little Ice Age ocean conditions and to assess the relationship among climate, fish biogeography and human foraging activity in the Gulf of Alaska. Because oxygen isotope ratios in otolith growth bands are determined primarily by water temperature, West studies the growth rings as paleothermometers to understand conditions during the Little Ice Age. Pacific cod are found throughout the North Pacific Ocean, from China's Yellow Sea to Monterey Bay, California. The broad temporal and geographic distribution of Pacific cod makes their otoliths ideal for paleoenvironmental reconstruction. For her most recent study of otoliths as paleothermometers, West and researchers from the Seattle-based International Pacific Halibut Commission and the National Marine Fisheries Service analyzed ear stones found at an archaeological site on Kodiak Island, Alaska. The site was occupied during the Little Ice Age that began in the Gulf of Alaska approximately 650 years ago. The 15 whole otoliths selected from the deposits representing a 500-year period clearly indicated that the Pacific cod living around the Kodiak archipelago experienced fluctuations in ocean temperature during the Little Ice

Age. The archaeological otoliths offer a long-term record of Pacific cod's environmental interaction, contributing to understanding of the species' survival in the face of changing climate in the North Pacific, according to the researchers writing in the *Journal of Archaeological Science*. Contact: Margaret Nagle, 207.581.3745

Murray Hall Honeybee Colony Offers Important Biological Lessons

03 Dec 2012

In September, 20,000 honeybees took up residence in the foyer of Murray Hall as part of a live exhibition in the School of Biology and Ecology. "Biology is all about life," says school director Eleanor Groden. "The bees are a representation of life that links people, food and health with the environment and the natural world. We wanted something that would really draw people in." Since the installation of the 2-foot by 5-foot sealed frames that pivot from the wall, the buzz hasn't stopped in Murray. The exhibit has become a popular destination for visiting school groups. UMaine faculty and staff typically making beelines to their destinations now regularly pause to check on the hive, and students going to and from nearby classrooms, labs and lecture halls often swarm the glass panels to glimpse the goings-on. There's even a "beecam" installed near an opening in the wall that gives the bees access to the great outdoors. Fans can watch online as the bees move in and out of the hive, even in the winter. And the queen of the hive? There was a naming contest that drew 78 entries. She has been dubbed Phoe-bee. The colony will not be managed for honey production. Its value is in the daily glimpses it provides of life in a bee colony and the constant reminder of the importance of such insects to humans. Honeybees are responsible for pollinating approximately 80 percent of all fruit, vegetable and seed crops in the United States. University of Maine entomologists have been conducting honeybee research for nearly two decades, maintaining up to four apiaries with upward of 60 colonies in any given year. Most recently, the research has focused on the effects of commonly used pesticides on honeybees, and the relationship between honeybees and native bees in pollinating Maine's wild blueberry crop. Since 2009, UMaine also has been part of a seven-state study on the causes of colony collapse disorder that has brought a rapid decline of bees worldwide. Contact: Margaret Nagle, 207.581.3745

New Director of Student Records Named

27 Nov 2012

Kimberly Page has been named director of the University of Maine Office of Student Records, effective Dec. 1. Page has been at the University of Connecticut since 1984, most recently as associate registrar for systems and degree audit in the Office of the Registrar. Her academic career started in the College of Liberal Arts and Sciences where, in 1999, she served as acting assistant dean before becoming a systems administrator in the Office of the Registrar. Page has a master's degree in educational leadership and a bachelor's degree in human development from the University of Connecticut. Contact: Margaret Nagle, 207.581.3745

New Permanent Exhibit at Maine State Archives Based on UMaine Research

27 Nov 2012

A new permanent exhibit at the Maine State Archives in Augusta has its roots in the Ph.D. research of a recent University of Maine alumnus and newly appointed assistant professor. Ethnohistorian Micah Pawling is the guest curator of "Choosing Survival: Wabanaki Documents at the Maine State Archives." The exhibit features 18th- and 19th-century Wabanaki documents — petitions and an original watercolor map — that provide a unique perspective on the Maine tribes' struggle to preserve their homeland. Among them: an 1821 petition on behalf of the Passamaquoddy Tribe to the Maine legislature seeking assistance in staving off the influx of American and British settlers who were dramatically transforming their homeland. Such petitions were an attempt by the Penobscots, Passamaquoddies and Maliseets in present-day eastern Maine, western New Brunswick and the southern shore of Quebec to navigate a new, ever-changing geopolitical landscape. With their very survival on the line, the tribes learned to use petitions as a political tool to negotiate, assert concerns and articulate aboriginal rights to governments. Pawling's research on the Native petitions culminated in a Ph.D. and master's degree, both in history, from UMaine in 2010 and 1999, respectively. In 2007, in conjunction with the Penobscot Indian Nation, Pawling published the book, *Wabanaki Homeland and the New State of Maine: The 1820 Journal and Plans of Survey of Joseph Treat*. Pawling is now a

UMaine assistant professor of history and Native American studies. Contact: Margaret Nagle, 207.581.3745

Segal Column Reflects on Electronic, Distance Learning

27 Nov 2012

In his Bangor Daily News blog, [“Education: Future Imperfect,”](#) University of Maine professor of history Howard Segal reflects on the impersonal nature of interactive television classes. Though videoconferencing technology has improved since the mid-1990s, Segal points out that by teaching before a classroom of students, instructors can assess how well they are getting through to students through facial and intellectual responses. Segal cautions against a “blind faith in high-tech hardware and software to replace traditional teacher-student formats” that characterizes so much educational advocacy today. Contact: George Manlove, 207.581.3756

News Media Advance Maine Sea Grant Lobster Symposium

27 Nov 2012

[The Wall Street Journal](#), [Portland Press Herald](#), [Bangor Daily News](#) and [Maine Public Broadcasting Network](#) were among the news organizations to publish information from an Associated Press report on the lobster conference, “The American Lobster in a Changing Ecosystem: A U.S.-Canada Science Symposium,” this week in Portland that’s being hosted by Maine Sea Grant at the University of Maine and co-chaired by University of Maine research associate professor Rick Wahle in the School of Marine Sciences. The conference, Nov. 27–30, will gather more than 100 people, including scientists, interested in protecting the lobster fishery, which is being challenged in southern New England by warming ocean temperatures, a changing food system, overfishing and seafood economics, according to the article. Contact: George Manlove, 207.581.3756

Channel 7 Interviews Business Professor about Cyber Monday

27 Nov 2012

Channel 7 (WVII) interviewed University of Maine associate professor of management information systems Nory Jones in the Maine Business School for a 6 p.m., Nov. 26 report about the significance of Cyber Monday holiday shopping, considered at one time to be the busiest online shopping day after the Thanksgiving weekend. Jones said analysts were predicting record online shopping this year. Contact: George Manlove, 207.581.3756

Cranberry Specialist Armstrong in Harvest Report

27 Nov 2012

University of Maine Cooperative Extension cranberry specialist Charles Armstrong was interviewed for a [Bangor Daily News article](#) on this year’s cranberry harvest, which he said probably will weigh in at 2.4 million pounds — not a record but good news for those growers who were less affected by erratic weather conditions. The record harvest, at 3 million pounds, was in 2010. Contact: George Manlove, 207.581.3756

News Media Report on Memorial Plans for Plane Crash Victims

27 Nov 2012

News Media Report on Memorial Plans for Plane Crash Victims [The Bangor Daily News](#), Channel 5 (WABI) and Channel 2 (WLBZ) were among several news organizations reporting on plans for a memorial service at 6 p.m., Nov. 27 in Hauck Auditorium at UMaine for two students and a recent graduate killed Nov. 16 when their small airplane crashed after takeoff at the Knox County Regional Airport. Contact: George Manlove, 207.581.3756

Earth, Climate Scientist Interviewed on Earthquake

27 Nov 2012

For its 6 p.m. news report Nov. 26, [Channel 7 \(WVII\)](#) interviewed Alice Kelley, a faculty member in the University of Maine School of Earth and Climate Sciences, about two small earthquakes, one on Nov. 23 just west of Belfast and in Fort Kent on Nov. 25. Kelley displayed a printout from the university's seismometer, which recorded the occurrences, and said the earthquakes were not a cause for concern. Contact: George Manlove, 207.581.3756

Honor Society Holding Holiday Tree Fundraiser

28 Nov 2012

The Xi Sigma Pi forestry honor society is selling locally grown, hand-sheared fraser and balsam fir holiday trees to benefit scholarship funds for University of Maine forestry undergraduates 3–5 p.m., Nov. 26–Nov. 30, from 8 a.m.–4 p.m., Saturday, Dec. 1, and 10 a.m.–4 p.m., Sunday, Dec. 2 in front of Nutting Hall. Trees are from the Highland Blue Ribbon Trees of Dover-Foxcroft, a nonprofit. Prices range from \$15 to \$39. For information, contact Delores Stone in the School of Forest Resources at 207.581.2887. Contact: George Manlove, 207.581.3756

Manev Presents Talks on Entrepreneurship in Russia

28 Nov 2012

Ivan Manev, dean of the University of Maine College of Business, Public Policy and Health, recently made a presentation on entrepreneurship in transitional economies at a conference in Moscow. He also visited the Komi Republic Academy of Public Service and Administration in Syktyvkar, the capital of the Komi Republic. The academy is a partner institution with the University of Maine, whose students have visited several times as part of a UMaine business class. In Syktyvkar, Manev, a professor of management, delivered a talk on Maine's experience in encouraging entrepreneurship, which was attended by 150 students and faculty. Contact: George Manlove, 207.581.3756

Climate Change Researcher

28 Nov 2012

Research by Roger Hooke, University of Maine cooperating professor with the Climate Change Institute, and colleagues at the Javier Pedraza of Complutense University in Spain is discussed in an article in the December 2012 issue of the magazine [GSA Today](#), according to a report on the [PhysOrg.com website](#). The researchers studied the effects of humans on the Earth's surface, which include deforestation, encroachment of urban areas onto agricultural lands and soil erosion. They found that more than 50 percent of the planet's land surface has been modified by human activity. Contact: George Manlove, 207.581.3756

McConnon Comments in Black Friday News Report

28 Nov 2012

Comments by University of Maine Cooperative Extension business specialist and professor of economics Jim McConnon were included in a Lewiston Sun Journal article about what retailers and consumers might expect as the holiday shopping season gets underway. McConnon said improving consumer confidence in the economy is being reflected in retail sales. Contact: George Manlove, 207.581.3756

News Media Cover UMaine Memorial Event

28 Nov 2012

[The Bangor Daily News](#), Channel 2 (WLBZ), Channel 5 (WABI) and Channel 7 (WVII) were among the news organizations covering the Nov. 27 memorial service and candlelight vigil for two UMaine students and a recent graduate killed in a plane crash Nov. 16 at the Knox County Regional Airport. More than 500 people turned out to

celebrate the lives of the men, all members of the Lambda Chi Alpha fraternity. The Lewiston Sun Journal published the Bangor Daily News article. Other news media reporting on the memorial included the Boston Herald. The San Francisco Chronicle published an Associated Press article about plans for the memorial. Contact: George Manlove, 207.581.3756

Op-Ed Discusses MaineCare Eligibility Policy

28 Nov 2012

An opinion column in the [Bangor Daily News](#) by Robert Glover, a University of Maine College of Liberal Arts and Sciences Honors Preceptor of Political Science, discusses healthcare changes the Maine Legislature made last year, which made immigrants living in Maine for less than five years ineligible for MaineCare, the state's low-income healthcare program. Glover argues the changes make for unfair and bad policy, which the newly elected 126th Maine Legislature should consider reversing. Contact: George Manlove, 207.581.3756

Senior Art Exhibit Dec. 7–Jan. 25 at Lord Hall Gallery

29 Nov 2012

The University of Maine will open its Senior Art Exhibition, “ThinkMake,” with a reception from 5:30 p.m.–7 p.m., Friday, Dec. 7 at the Lord Hall Gallery. The show runs until Jan. 25, displaying paintings, sculpture, photography, digital and other artwork created by 15 UMaine studio art majors graduating in December or in the spring. Student preparations for the show include supplemental presentations, artists' statements, essays and hands-on involvement in installing the show and marketing. The exhibit is designed to inform studio art majors, as budding career artists, how to get their work in front of the public. Members of the campus community are invited to meet the artists at the show's opening reception. The gallery is open 8 a.m. to 4:30 p.m. weekdays. Events are free and open to the public. For more information or to request a disability accommodation, contact the University of Maine Department of Art, 207.581.3245. Contact: George Manlove, 207.581.3756

UMMA Hosting Noon Gallery Talk Dec. 5

29 Nov 2012

[The University of Maine Museum of Art](#), 40 Harlow St., Bangor is inviting the public to a free informal gallery talk with museum educator Eva Wagner at 12 p.m., Wednesday, Dec. 5. Wagner will discuss the current exhibit by Susan Jane Belton, “What's Yours?” and several selections from the permanent collection. For additional information or to request a disability accommodation, please call 207.561.3350. Contact: George Manlove, 207.581.3756

2012–2013 Undergraduate Research Grant Recipients Announced

29 Nov 2012

The Center for Undergraduate Research at the University of Maine has announced the recipients of the Center for Undergraduate Research Fellowships for 2012–13. The fellowships were developed to enhance and increase undergraduate student involvement in faculty supervised research, and are supported through a PRE-VUE grant awarded by the UMaine President's Office. Each fellowship provides a \$1,000 award for the student, and up to \$1,000 in additional funding, if needed, to cover costs associated with the project. The fellowship recipients are: Beacham, Gwendolyn (Molecular and Biomedical Sciences), “Genetic Characterization of Plaque Morphology in the Cluster E Phage Ukulek,” Sally Molloy, adviser; Beauchemin, Michelle (Electrical and Computer Engineering), “Graphene-based Electrochemical Sensor,” Rosemary Smith, adviser; Bergeron, Andres (Psychology), “The Effects of Different Levels of Co-Rumination on College Students,” Douglas Nangle, adviser; Bird, Kendra (Anthropology), “Specialized Activities in the Middle Woodland Period: Organic Chemistry and Botanical Analysis,” Brian Robinson, adviser; Cole, Jonathan (Computing and Information Science), “Virtual Simulations of Driving Environments and Age-Related Vision Loss,” Nicholas Giudice, adviser; Comins, Joshua (Psychology), “The Impact of Describing Your Decision Strategy on Explicit and Implicit Category Learning Systems,” Shawn Ell, adviser; Crosby, Kathleen (Food Science and Human

Nutrition), “Omega-3 Fortified Blueberry Fruit Leather,” Denise Skonberg, adviser; Daigle, Kristyn (Biochemistry), “Improving Extractability of Allergenic Soy Protein Residues in Processed Foods,” Balunkeswar Nayak, adviser; Dandy, Michael (Civil and Environmental Engineering), “Extreme Rainfall in a Changing Climate: Developing New Methodologies to Inform Infrastructure Design,” Shaleen Jain, adviser; Dunning, Samatha (Anthropology), “Biogeography and History of the Chirikof Island Ground Squirrel,” Catherine West, adviser; Edwards, Christie (Biology/Psychology), “Ketamine and Locomotor Activity,” Alan Rosenwasser, adviser; Flanagan, Molly (Marine Sciences), “Developing Aquaculture Techniques for the Razor Clam, *Ensis directus*,” Paul Rawson, adviser; Garcia, Rafael (Biology and Ecology), “Analysis of Potential Mycotoxins in Contaminated Maple Syrup,” Seanna Annis, adviser; Harris, Katrina (Molecular and Biomedical Sciences), “Identification of attP Sites in Mycobacteriophages ChipMunk and Ukulele,” Keith Hutchison, adviser; Heald, Lindsay (New Media), “View from Above,” Mike Scott, adviser; Hinkle, Emily (Food Science and Human Nutrition), “Cooking and the Varietal Effects on Potato In vitro Bile Acid Binding Capacity,” Mary Ellen Camire, adviser; Jones, Joshua (Molecular and Biomedical Sciences), “Pathogen-Host Interactions in a Zebrafish Model of Disseminated Candidiasis,” Robert Wheeler, adviser; Kinney, Morgan (Psychology/Honors), “Measuring Automatic Emotional Responses to Homosexuals,” Jordan LaBouff, adviser; Lewin, Justin (Biology), “Does Peer Discussion Facilitated by Clicker Questions Enhance Middle School Learning of Science?” Michelle Smith, adviser; Lovejoy, Emily (Molecular and Biomedical Sciences), “Determining the Effect of Environmental Neurotoxins on the Development of Neurological Defects in a Fish Model of Human Amyotrophic Lateral Sclerosis,” Roger Sher, adviser; May, Sean (Physics and Astronomy), “Effect of Grain Size on Superconductive Doped Graphite Powder,” Robert Meulenberg, adviser; Michaud, Amy Marie (Biology and Ecology), “Alteration of Microflora of Entomopathogenic Nematode *Pristionchus entomophagus* and its Effect Upon Virulence in its Insect Host,” Eleanor Groden, adviser; Nolan, Kyle (Electrical and Computer Engineering), “Study of Ultrathin Graphitic Carbon Films for Nanopore Biosensor,” Rosemary Smith, adviser; Norwood, Henry (Psychology/Psychological Sciences), “Social Ostracism: Effects on Nuclear Weapon Attitudes,” Jordan LaBouff, adviser; Nuzzo, Anthony (Electrical and Computer Engineering), “Power Inverter for Wave Energy Applications,” Nathan Weise, adviser; Oliver, Cody James (Art), “Digital Dialogues: Intersection of Fine Art in Technology,” Aaron Boothroyd, adviser; Osman, Mahadi (Mathematics), “Composites in Different Bases that Remain Composite after Changing Digits,” Andrew Knightly, adviser; Osti, Bipush (Electrical and Computer Engineering), “Improving the Usability of High Resolution Visualization Walls,” Bruce Segee, adviser; Paradis, Christopher (Honors/Psychology), “Investigating the Honors Endeavor,” Jordan LaBouff, adviser; Peltó, Jillian (Earth Sciences), “Crevasse Research in the North Cascades,” Gordon Hamilton, adviser; Pugliano, Carolyn (Electrical and Computer Engineering), “A Lateral Field Excited Gas Sensor,” John Vetelino, adviser; Smith, Regina (New Media), “Co-evolving watershed education and Programmable Media Concepts in Middle-School Classrooms: An Implementation of the Creative Thinking Spiral,” Shaleen Jain, adviser; Sztokowski, Abby (Psychology/Honors), “Attitude Change Toward Outgroups: A Religious Priming Study in an Multinational Sample,” Jordan LaBouff, adviser; Thibodeau, Caroline (Psychology), “When We Talk About Our Problems: An Analysis of Social Anxiety and Co-Rumination in Romantic Relationships and Friendships,” Douglas Nangle, adviser; Tugend, Carl (Biology), “Investigating the Effects of Climate Change on Jordan Pond,” Jasmine Saros, adviser; And Zhang, Xinruo (Food Science and Human Nutrition), “Stability of Phytochemicals in Blueberries With Respect to Different Blanching Methods and Storage,” Balunkeswar Nayak, adviser.

Extension’s Armstrong in Cranberry Harvest Newscast

29 Nov 2012

University of Maine Cooperative Extension cranberry specialist Charlie Armstrong spoke with Channel 7 (WVII) for a 10 p.m. report Nov. 28 about this year’s cranberry harvest in Maine, which he said was productive though affected in some areas by erratic weather. Contact: George Manlove, 207.581.3756

Misplaced Scallop Innards Story Reported

29 Nov 2012

Several news organizations, including the [Bangor Daily News](#) and [Maine Public Broadcasting Network](#) reported on the misplacement and recovery of scallop innards collected for marine research at the University of Maine Darling Center in Walpole. A scallop diver delivering the scallop parts to a university researcher mistakenly placed the package in the

wrong vehicle with UMaine license plates at a designated convenience store. UMaine College of Education and Human development faculty member Abigail Garthwait, who had stopped for gas in a university vehicle, discovered the package a short time later and notified marine scientists. [The Seattle Post Intelligencer](#) and the [Houston Chronicle](#) carried an Associated Press version of the story. Contact: George Manlove, 207.581.3756

Newspaper Reports on UMaine-Led Peer Counseling Project

29 Nov 2012

[The Bangor Daily News](#) reported on a new program, led by the University of Maine College of Education and Human Development, to train high school students in Maine as peer counselors to help identify problems resulting from depression, bullying and drug use. Contact: George Manlove, 207.581.3756

Allan Interviewed for MPBN Hazing Report

29 Nov 2012

University of Maine professor of higher education Elizabeth Allan was interviewed by [Maine Public Broadcasting Network](#) for a report on hazing in light of a recent incident involving hazing by members of the Dexter Regional High School football team. Contact: George Manlove, 207.581.3756

News Media Report on Lobster Symposium

29 Nov 2012

Several news organizations, including [Maine Public Broadcasting Network](#) and the [Portland Press Herald](#) interviewed University of Maine professor of marine science Robert Steneck about the purpose and expectations of a symposium this week in Portland on the state of the New England lobster industry. Maine Sea Grant at the University of Maine is sponsoring the conference for scientists, policymakers and fisheries representatives from the U.S. and Canada. [Channel 2 \(WLBZ\)](#) also reported on the conference. Contact: George Manlove, 207.581.3756

Labbé, Brinkley Interviewed on Maine Franco-Americans

29 Nov 2012

[Channel 2 \(WLBZ\)](#) interviewed University of Maine Franco-American Centre faculty members Yvon Labbé, who directs the center, and Tony Brinkley about the status of Maine Franco-Americans during a meeting in Lewiston of a special task force preparing a report for the Maine Legislature. Contact: George Manlove, 207.581.3756

UMaine's Annual Yuletide Concert Dec. 2

30 Nov 2012

The University of Maine School of Performing Arts will present its annual Yuletide concert, a choral performance featuring holiday favorites, at 2 p.m., Sunday, Dec. 2 at the Collins Center for the Arts. The concert fills the stage with members of six university choral ensembles performing works including standard carols like "Silent Night," the Austrian carol "Still, Still, Still" and the "Hallelujah chorus" from Handel's "Messiah." Tickets are \$12 and free for students with a MaineCard. For more information or to request a disability accommodation, please call the Collins Center box office at 207.581.1755. Contact: George Manlove, 207.581.3756

Page Farm, Museum Olde Holiday Shoppe Dec. 1

30 Nov 2012

[The University of Maine Page Farm and Home Museum](#) has planned its annual "Ye Olde Holiday Shoppe" from 10

a.m.–4 p.m., Saturday, Dec. 1. The free public event provides nearly two dozen Maine crafters and artisans a venue for displaying and selling their unique products, including woven rugs, reproduction 19th century toys, hand-wrapped wreaths, handcrafted jewelry and edibles that include fresh cow and goat cheeses, breads, chocolates and maple sugar. For information or to request a disability accommodation, contact the farm and home museum at 207.581.4100. Contact: George Manlove, 207.581.3756

National Food Writer to Speak on Decline of the Tomato

30 Nov 2012

Author and award-winning national food writer Barry Estabrook will give a free public presentation on how modern industrial agriculture “has ruined the tomato in all ways — gastronomic, environmental and in terms of labor abuse” at 2:15 p.m., Friday, Dec. 7, in 100 Corbett Business Building. The talk is part of the seminar series of the UMaine Ecology and Environmental Sciences program and the Department of Plant, Soil, and Environmental Sciences. Estabrook is a two-time James Beard Award-winning journalist and author of “Tomatoland: How Modern Industrial Agriculture Destroyed Our Most Alluring Fruit.” His writing has been anthologized in *The Best American Food Writing*. For a disability accommodation, please call Eric Venturini at 207.581.2959. Contact: George Manlove, 207.581.3756

Annual UMaine Bookstore Ornaments Available

30 Nov 2012

The University Bookstore at UMaine has selected the Orono Student Nurses’ Association (OSNA) as the 2012 recipient of proceeds from the annual commemorative holiday ornament sale. OSNA is a pre-professional organization for nursing students at UMaine that offers a strong mentorship program essential in the progression from a student to a professional nurse, according to Keven Higgins, associate director of the University Bookstore. The ornament sale — [this year a depiction of the UMaine Black Bear statue near Memorial Gym](#) — is intended to benefit a university student organization that works to help others in the community. “The students in these organizations like OSNA dedicate their energy and talent to making a difference,” Higgins says. “The University Bookstore is honored to recognize their important work through the ornament program. We are a student-focused organization, and this initiative is a special way that we can give back. And to celebrate the 10th year anniversary of this program just shows how special it is.” Contact: George Manlove, 207.581.3756

Continued Coverage of UMaine Lobster Symposium

30 Nov 2012

News organizations, including the [Bangor Daily News](#), [Mainebiz](#) and [Channel 5 \(WABI\)](#) continued coverage this week of the conference “The American Lobster in a Changing Ecosystem: A U.S.-Canada Science Symposium,” hosted in Portland by Maine Sea Grant at the University of Maine and co-chaired by UMaine research associate professor Rick Wahle in the UMaine School of Marine Sciences. [The Portland Press Herald](#) published a column about one young scientist’s discovery of cannibalistic behavior among lobsters. [The Bangor Daily News](#) also published an Associated Press article on the conference. Contact: George Manlove, 207.581.3756

UMaine Student-Run Greenhouse Growing Greens for Campus Dining Halls

10 Dec 2012

Snowflakes floated toward the frozen ground while University of Maine students snipped salad greens inside a campus greenhouse where the temperature approached a balmy 50 degrees. The greens were a hit with salad bar customers the next day at Maine Marketplace in Memorial Union. Sonja Birthisel, a graduate student in the sustainable agriculture program, said the red, blue and green leafy mix was tasty and mild. Megan Berthiaune, a senior from Eddington, Maine, majoring in nutrition, described the Elegance Greens Mix as fresh and appealing. It would have been difficult for the greens to be any fresher or local; they traveled a mere half-mile from the greenhouse to the salad bar. The Elegance

Greens Mix, which includes Pac Choi, red mustard, mizuna and leaf broccoli, was the first harvest of the UMaine Greens Project, supervised by Eric Gallandt, associate professor of weed ecology and chairman of the Department of Plant, Soil and Environmental Sciences. Gallandt says the inspiration to start a student greenhouse project came from visiting Michigan State University last year. UMaine's project, which involves growing greens for the UMaine dining commons, builds on the university's Sustainable Agriculture Program. UMaine Greens, headquartered in a greenhouse off Rangeley Road, was funded with \$11,500 from UMaine's Unified Fee. "I wanted to do something where sustainable agriculture students and students interested in local foods, and food enthusiasts could have a hands-on experience," Gallandt says. More than \$7,700 was invested in a 26-foot by 96-foot greenhouse, purchased from a farmer in New Hampshire. Gallandt also purchased a piece of equipment he initially didn't dream he would need — a snowblower to prevent buildup around the double-layer plastic walls of the greenhouse. (He got it on sale in July.) Daniel Blanton, a senior majoring in sustainable agriculture from Stow, Mass., one of the 25 students involved in the UMaine Greens Project, helped build the greenhouse. "It was like a really big puzzle," he says. "This has been one of my favorite experiences at UMaine. Hoop houses are the future in Maine for sustainable farmers. Winter production is exciting." In September, project participants had a "greenhouse raising"; they gathered at 7 a.m. one calm Friday to pull the two layers of plastic over the metal tubing frame. Oct. 12, students planted rows of Johnny's Selected Seeds, and Nov. 29, about 20 pounds of the tasty greens crop became lunchtime salad bar fare for students and staff. The idea of growing and eating healthy, local food is logical and appealing to many in the college community, Gallandt says. Frequent themes in agriculture classes include reducing the number of food miles — the distance food travels to reach the table — and the ability to control and extend the growing environment. This project addresses both topics in a hands-on, positive manner, he says. And there is room, literally, to grow. "It might not be possible to feed the campus, but we can plant one bed of greens at a time, so to speak," Gallandt says. Glenn Taylor, director of Maine Culinary Services and a champion of the UMaine Greens Project, says 15 percent of all food served in campus dining halls is harvested at Maine farms from meat to beets. That equates to the university spending \$700,000 annually with area businesses. Taylor says in two years, the goal is to increase the proportion of locally grown food served at the university to 25 percent. Purchasing vegetables from the UMaine Greens Project won't displace any other local grower, Taylor says, and will help the project become financially self-sustaining. "We focus on local foods and this is about as local as you can possibly get," says Taylor, carrying a tote of just-clipped salad greens to his vehicle. Gallandt says it's also fitting the greenhouse is adjacent to the university's new composting facility. Compost from the vegetables that feed the students will subsequently nourish the greenhouse soil where the greens are grown. "It's symbolic," he says. "It's a visual closed nutrient system. Each year, we can use compost to amend the soil." Interested students are invited to join the current motivated group of volunteers participating in the project. "We're always looking for more help," said Rose Presby, a fifth-year biology major from Farmington, Maine. "If you're looking for local food and you care where it comes from, you should definitely get involved," she said. Garth Douston, a junior from Arundel, Maine, says there are many benefits to digging in and taking part. It's a great opportunity to learn about winter production and extending the growing season and keeping plants alive and thriving," says Douston, a sustainable agriculture major. Lincoln, Maine native Bourcard Nesin had a hand in keeping the greens growing this fall. He earned a bachelor's degree in sustainable agriculture from UMaine last spring and says he's pleased that students are contributing to the university's reputation as a healthy campus. In 2011 and 2012, UMaine was one of 16 colleges nationwide named to The Princeton Review's Green Honor Roll. In addition to getting hands-on farming skills, growing healthy, local food, and helping the environment, Gallandt said a greenhouse is simply an inviting place to be. "Last Sunday, it was 32 degrees and the wind was howling," he said. "Inside the greenhouse, it was 54 degrees and there was 85 percent humidity. You can't help but get happy in a place like that." Contact: Beth Staples, 207.581.3777

Statewide Photo Contest Will Highlight the Finest Poultry Coops

03 Dec 2012

In recognition and celebration of the growing popularity of poultry raising, the Maine Poultry Growers Association and the University of Maine Cooperative Extension are sponsoring the first Maine Poultry Coop Contest. The purpose of the contest is to showcase the many and varied coop designs used by Maine poultry keepers and enthusiasts. Poultry owners are invited to enter a photo and description of their coops by Dec. 31, 2012. The Maine Poultry Growers Association will award prizes of \$200, \$100, \$50 to the top three entries, respectively. Fourth and fifth place winners will receive a subscription to Backyard Poultry magazine. All entrants must be Maine residents. Entries must include at least one coop photo (not more than three photos) and a completed entry form. Entry forms and photos may be submitted online, in

person or mailed to: Poultry Coop Contest, University of Maine Cooperative Extension, 75 Clearwater Drive, Falmouth, Maine 04105 Coops may be seasonal, year-round, stationary or mobile. They may be multipurpose and need not be original designs. A team of judges will evaluate each entry based on specific criteria, including design, purpose, space, construction materials, safety, cost and unique features. Winning entries will be announced at the Maine Agricultural Trades Show Jan. 9, 2013 at the Augusta Civic Center. Entrants need not be present to win. More information and the entry form are online or available by contacting Andrea Herr, 207.781.6099 or 1.800.287.1471 (toll free in Maine only). Contact: Andrea Herr, 207.781.6099

2012 Maine Indian Basketmakers Sale, Demonstration Dec. 8

03 Dec 2012

The University of Maine Hudson Museum's 18th annual Maine Indian Basketmakers Sale and Demonstration, 9 a.m.–3 p.m., Saturday, Dec. 8 at the Collins Center for the Arts, will offer members of the public an opportunity to purchase one-of-a-kind art, and also a chance to learn about Maine Indian culture and traditions. The annual event is free and open to the public. A collaboration with the Maine Indian Basketmakers Alliance, the sale and demonstration this year will feature the work of more than 50 artists from Maine's four tribes — Penobscot, Passamaquoddy, Maliseet and Micmac. It is considered the largest holiday gathering of Maine Indian artists in New England, according to Hudson Museum Director Gretchen Faulkner. Master basketmaker [Molly Neptune Parker](#), a Passamaquoddy artist from Princeton, Maine, and winner of a recent National Heritage Fellow Award from the National Endowment for the Arts, will be at the show with her family. Her granddaughters Lydia and Mali Soctomah, both University of Maine students, have been learning the art form from their grandmother and intend to display some of their baskets. The day also includes a book reading for children, traditional music, drumming, dancing and talks on Passamaquoddy medicine. Additional information, including a complete schedule of events, is on the Hudson Museum website. For more information or to request a disability accommodation, call the museum, 207.581.1904. Contact: George Manlove, 207.581.3756

Taking Cover

03 Dec 2012

[Click here to view the "Getting Strawberry Plants Ready for Winter" video on YouTube.](#)

Deck the Halls

03 Dec 2012

[Click here to view the "Maine Balsam Fir Tips: A Sustainable Harvest" video on YouTube.](#)

Deaths of Former UMaine Football Player, Girlfriend Widely Reported

03 Dec 2012

The shooting deaths of Kansas City Chiefs linebacker Jovan Belcher, a former University of Maine football player, and his girlfriend Kasandra Perkins in Kansas City, Mo., was widely reported nationally and internationally over the weekend. Authorities said Belcher, 25, killed his girlfriend and then himself. Among the organizations reporting the story were [Reuters news service](#), [NBC News](#), [New England Cable Network](#), [Maine Sunday Telegram](#), and a majority of local and statewide news outlets. Contact: George Manlove, 207.581.3756

Boston Globe Website Advances UMaine Basketmakers Sale

03 Dec 2012

The Boston Globe website [Boston.com](#) carried an article advancing the Maine Indian Basketmakers Sale and Demonstration from 9 a.m.–3 p.m., Saturday, Dec. 8 at the [University of Maine Hudson Museum](#) in the Collins Center

for the Arts. Contact: George Manlove, 207.581.3756

UMaine Experts Offer Holiday Seasonal Advice

03 Dec 2012

University of Maine specialists are available with consumer advice and ideas on a variety of holiday-related issues and activities, as plans are made for end-of-the-year gift giving, celebrations and seasonal decorations. Leslie Forstadt, UMaine Cooperative Extension child and family development specialist, is available at 207.581.3487 in Orono to discuss alternative gift giving when budgets are tight or recipients seem to have everything they need already. Forstadt discusses several alternative gift-giving ideas in a [UMaine Cooperative Extension video](#) and in an earlier interview. UMaine Cooperative Extension professor Donna Coffin at 207.564.3301 in the Piscataquis County office in Dover-Foxcroft is available to offer low-cost, energy-efficiency suggestions for lighting up the home with bright, colorful LED holiday lights. David Fuller, UMaine Cooperative Extension agricultural and natural resources professional at 207.778.4650 in the Franklin County office, is available to discuss proper ways to clip fir tree tips for wreath making, and how to select and care for a holiday tree. UMaine forest resources instructor Louis Morin in Orono, at 207.581.2854, also can discuss selecting, cutting and care for the right holiday tree, and pros and cons about buying artificial trees. Kristy Ouellette, UMaine Cooperative Extension assistant Extension educator in 4-H youth and family development, is available at 207.353.5550 in the UMaine Extension Androscoggin-Sagadahoc counties office in Lisbon Falls to offer ideas on encouraging children to make creative holiday gifts and cards and to stay active indoors in cold, inclement weather. For more information, contact George Manlove at 207.581.3756.

Equestrian Team Spaghetti Fundraiser Planned

04 Dec 2012

The University of Maine Equestrian Team will hold a spaghetti dinner fundraiser from 6–7:30 p.m., Tuesday, Dec. 11, at the Herbert Sargent Community Center, 342 Bennoch Road, Stillwater to raise funds for team activities over the coming months. Tickets are \$5 per person or \$15 for families. The event includes live bluegrass music by the Park Street Pickers, a silent auction raffle and door prizes. For more information or to request a disability accommodation, contact Zakiah-Lee Meeks at Zakiah-lee.Meeks@umit.maine.edu. Contact: George Manlove, 207.581.3756

German Holiday Market at UMMA Dec. 15

04 Dec 2012

The University of Maine German Club — Deutscher Verein — will hold its annual “Weihnachtsmarkt,” or Christmas market, this year from 12–3:30 p.m., Saturday, Dec. 15 at the [University of Maine Museum of Art](#), 40 Harlow St., Bangor. Holiday cookies, stollen holiday bread and traditional holiday decoration demonstrations will be available. A little cafe will offer decorations, coffee, cake and gluhwein (alcohol-free mulled wine) to be sold to benefit UMMA’s exhibition and education programs. The free public event is an opportunity to enjoy some holiday cheer while viewing the exhibitions in the museum’s galleries. Featured artists include “Alan Bray: At the Edges,” “Mayumi Sarai: Ring Cycle,” and “Susan Jane Belton: ‘What’s Yours?’” on display through Jan. 5. For information or to request a disability accommodation, please call 207.561.3350. Contact: Kathryn Jovanelli, 207.561.3350

Reuters, NPR Report on Lobster Cannibalism Discovery

04 Dec 2012

[The Bangor Daily News](#) carried a Reuters news service article about lobster cannibalism discovered and filmed by UMaine School of Marine Sciences graduate student Noah Oppenheim, who discussed his findings at the recent conference, “The American Lobster in a Changing Ecosystem: A U.S.-Canada Science Symposium,” hosted in Portland by Maine Sea Grant at the University of Maine and co-chaired by UMaine research associate professor Rick Wahle in the UMaine School of Marine Sciences. [National Public Radio](#) also reported on Oppenheim’s discovery and posted his underwater video of lobster cannibalism, which also is on the [School of Marine Sciences website](#). Contact: George

Manlove, 207.581.3756

UMaine's Plant Interviewed for Grass-Based Biofuel Article

04 Dec 2012

Andrew Plant, University of Maine Cooperative Extension assistant professor and educator for agriculture, was interviewed for a story in the [Bangor Daily News](#) about the continuance of a federally funded project undertaken by the University of Maine at Fort Kent, University of Maine at Presque Isle, UMaine Cooperative Extension and local farmers in Aroostook County to gauge farmer interest in large-scale, grass-based biomass production as a possible biofuel for heating purposes in the St. John Valley. [Mainebiz](#) carried a version of the story. Contact: George Manlove, 207.581.3756

News Reports on Former Football Player, Girlfriend

04 Dec 2012

News organizations, including [CBSSports.com](#), the California Modesto Bee and the [Bangor Daily News](#) cited University of Maine police reports on Kansas City Chiefs linebacker and former UMaine student-athlete Jovan Belcher in continued reporting on the apparent murder-suicide of Belcher and his girlfriend Kasandra Perkins in Missouri. Contact: George Manlove, 207.581.3756

Hudson Museum Tour, Mayan Calendar Talk

05 Dec 2012

The Bangor Foreign Policy Forum is presenting "Mexico, the Maya, and the End of Time?" a free public talk by speaker Angela Thompson, assistant professor of history at East Carolina University, at 2:45 p.m., Monday, Dec. 17 in the Bodwell Lounge of the Collins Center for the Arts. Thompson, who once taught at UMaine, will explain what the mysterious Maya inscription means, what it does not, and how it expresses the Maya conception of time through the complex Maya calendrical system and cosmology. She will also place recent interest in the Maya in its modern Mexican context during an important time of political transition as a new president took office in Mexico Dec. 1. Preceding the talk is a 2 p.m. guided tour of Hudson Museum Mesoamerican ceramics and other artifacts. The exhibits contain a wealth of information about Maya ideology, religion, beliefs and cosmic concerns. For more information, or to request a disability accommodation, please call 207.581.1755 or visit [bangorforum.us](#). Contact: George Manlove, 207.581.3756

University Bookstore Holiday Party, Sale Dec. 12

05 Dec 2012

[The University Bookstore](#) at UMaine invites the campus community to a holiday party, 8 a.m.–6 p.m., Wednesday, Dec. 12. Highlights of the day include a 99-cent book sale, 50-percent off on select UMaine apparel and gift items, a 3:30–4 p.m. performance of the Renaissance Singers, games, giveaways, door prizes, free snacks and drinks, a UMaine ring sale and a free gift with every purchase while supplies last. For information or to request a disability accommodation, call 207.581.1735. Contact: George Manlove, 207.581.3756

Planetarium Show on Mayan Calendar Featured

05 Dec 2012

[A Bangor Daily News article](#) about the debate over whether the world will end Dec. 21, 2012, as some infer from the ancient Mayan calendar, included comments from [UMaine Maynard F. Jordan Planetarium](#) Director Alan Davenport, who is presenting "2012: Prophecies of the Maya" at 7 p.m., Friday nights through Dec. 14. Several people who saw the show in November, including Paul Villeneuve, a UMaine associate professor of electrical engineering technology, and UMaine student Donald Rice, who lead the lecture, also were interviewed. Contact: George Manlove, 207.581.3756

National Geographic Blog Reports on Lobster Cannibalism

05 Dec 2012

[National Geographic has posted a blog](#) about the recent discovery by graduate student Noah Oppenheim and his adviser Richard Wahle, a UMaine School of Marine Sciences research associate professor, that lobsters will cannibalize one another in the wild. The blog was submitted by Rhian Waller, a UMaine School of Marine Sciences research assistant professor and a National Geographic Explorer studying deep-sea corals in northern Patagonian fjords in Chile with funding from National Geographic. The blog includes a link to a [Portland Press Herald video](#) showing adult lobsters attacking a tethered younger one. The website [redOrbit.com](#) also carried a report on the findings. Contact: George Manlove, 207.581.3756

Brewer Comments in MPBN Report on Political ‘Trackers’

05 Dec 2012

University of Maine political scientist Mark Brewer was interviewed for a [Maine Public Broadcasting story](#) about Gov. Paul LePage’s opposition to a Democratic Party “tracker” hired to film him at meetings and public events, and said that the practice has become more common by all political parties and campaigns. Contact: George Manlove, 207.581.3756

Graduate School Recognizes Arab Emirates Center for SPIA Support

06 Dec 2012

His Excellency Jamal Al-Suwaidi, a member of the royal family and director general of the Emirates Center for Strategic Studies and Research (ECSSR) in Abu Dhabi, was the fourth inductee in the University of Maine Graduate School’s George Davis Chase Society. Al-Suwaidi is a member of the UMaine School of Policy and International Affairs (SPIA) advisory board. Al-Suwaidi was inducted as a Distinguished Patron, the highest level of the society. The Graduate School established the society in 2011 to recognize individuals, who are not students or employees at the university, for significant contributions to graduate studies at UMaine. George Davis Chase served as the first dean of the Graduate School, 1923–38. UMaine Graduate School Dean and Associate Provost for Graduate Studies Dan Sandweiss inducted the ECSSR as an Institutional Patron to recognize the center and its staff’s contributions to and support for UMaine’s Graduate School and SPIA. Sandweiss was part of a UMaine delegation of faculty, administrators and 10 SPIA students who attended a conference in Abu Dhabi in the United Arab Emirates on global financial crises and the future, where he made the presentations. Jim Settele, assistant director of SPIA, says Al-Suwaidi and the ECSSR have been instrumental since 2007 in supporting SPIA with travel expenses for speakers in Maine, and also travel and accommodations for UMaine students, faculty and others to attend three previous conferences in Abu Dhabi on global affairs. Last year, the ECSSR conference was on civility between Islam and the West. Next year, water is the topic. “Dr. Jamal made it happen,” Settele says. The conferences have placed UMaine international affairs students into global settings to discuss world affairs and conflicts. The SPIA students also met with U.S. Foreign Service officers in Abu Dhabi to discuss U.S. State Department careers. Contact: George Manlove, 207.581.3756

Channel 5 Features UMaine School Counseling Program

06 Dec 2012

University of Maine assistant professor of counselor education Dennis Lin was interviewed for a [Channel 5 \(WABI\) news report](#) on a peer counseling program at UMaine, which trains students at the Piscataquis Community Secondary School and the Blue Hill Harbor School to learn about and employ counseling skills to help fellow students deal with troubling issues. [Channel 7 \(WVII\)](#) also carried a report on the training. Contact: George Manlove, 207.581.3756

Fall Dance Showcase Dec. 13–14

07 Dec 2012

The University of Maine School of Performing Arts will present its annual Fall Dance Concert at 7:30 p.m., Thursday and Friday, Dec. 13–14 at Hauck Auditorium. Tickets are \$10; free with a student MaineCard, and available [online](#) or at the door beginning at 6:30 p.m. Faculty and students choreographed the concert, directed by Ann Ross, UMaine director of dance. In small groups and larger dance ensembles, more than 90 students will perform works of modern, jazz, hip-hop, tap, contemporary dance theatre and modern ballet. The concert showcases the work of 11 student choreographers and three faculty members. For information or to request a disability accommodation, call 207.581.4721. Contact: George Manlove, 207.581.3756

Coastal Newspaper Features Huisman ‘Mother-Daughter’ Project

07 Dec 2012

[The coastal Penobscot Bay Pilot](#) interviewed University of Maine associate professor of sociology Kim Huisman as part of its coverage of the “Mother-Daughter” conference at the UMaine Hutchinson Center in Belfast. Huisman created the project and an accompanying film series as a way to strengthen relationships between mothers and daughters. Contact: George Manlove, 207.581.3756

Channel 5 Reports on UMaine Student Art Show

07 Dec 2012

[Channel 5 \(WABI\)](#) interviewed UMaine arts students Katherine McPhail and Caroline Robe, and assistant art professor Ed Nadeau for a feature on the student art show “ThinkMake” that opens at 5:30 p.m., Friday, Dec. 7 at UMaine’s Lord Hall galleries. The exhibit showcases dozens of multi-media artworks by graduating seniors in a class that included creating the art, planning the exhibit, installing it and marketing considerations they’ll need to know as practicing career artists. Contact: George Manlove, 207.581.3756

Fried in MPBN ‘Maine Calling’ On-Air Conversation

07 Dec 2012

University of Maine political scientist Amy Fried joined [Maine Public Broadcasting Network program “Maine Calling”](#) host Keith Shortall and guests Rebekah Metzler, a U.S. News & World Report political reporter, and Kevin Miller, Washington bureau chief for the Portland Press Herald, discussing what’s real and what’s rhetoric in Washington, D.C. as the debate over the so-called fiscal cliff and tax law reform continues. Contact: George Manlove, 207.581.3756

Science Website Reports on Lobster Cannibalism Discovery

07 Dec 2012

The science and environmental news website [Earthweek: A Diary of the Planet](#) reported on the finding by University of Maine marine scientist Richard Wahle and graduate student Noah Oppenheim, who recently filmed for the first time larger lobsters eating tethered younger ones after dark on the sea floor. The report quotes from a Reuters news article about the discovery. Contact: George Manlove, 207.581.3756

UMaine Professors Honored for Contributions to Science

10 Dec 2012

Two University of Maine professors have been elected as Fellows to the American Association for the Advancement of Science (AAAS) for their contributions to science and technology. Joyce Longcore, associate research professor in UMaine’s School of Biology and Ecology, and Susan Brawley, professor of plant biology in the School of Marine Sciences and cooperating professor of biological sciences, will be recognized at the AAAS Annual Meeting in February in Boston. Longcore, Brawley and the other 700 recently elected Fellows will be presented with a certificate and a blue

and gold rosette to honor their accomplishments. Longcore was elevated to the rank of Fellow “for distinguished contributions to mycology/microbiology on aquatic fungi (chytrids), developing extensive collections and isolating and describing *Batrachochytrium dendrobatidis* (Bd), the cause of global amphibian declines,” according to AAAS. She is a leading researcher on chytrid fungi, including a fungus believed to be responsible for the worldwide decimation of frogs. In the last 30 years, more than 100 amphibian species have become extinct. Longcore isolated a pure culture of Bd in 1997 after a die-off of exotic frogs in captivity at the Smithsonian National Zoological Park in Washington, D.C. She and her Smithsonian colleagues described it as a new genus and species, and she and collaborators have studied populations of it throughout the natural world. Longcore says she is honored to bring attention to the university for her work with chytrid fungi. Brawley was elevated to the rank of Fellow “for innovative and interdisciplinary approaches in elucidating critical factors in rocky seaweed distribution, and for inspiring and training students at all levels,” according to AAAS. She is an expert on marine algae and algal reproduction. Brawley and her students focus on adaptations that allow algae to reproduce successfully under natural stresses in the intertidal zone, particularly in rockweeds and red algae. She is also working to foster integrated aquaculture with sea vegetables in Maine, and to increase appreciation for their nutritional and culinary benefits. Brawley is a former editor of the *Journal of Phycology* and former president of the Phycological Society of America. She led a National Science Foundation project from UMaine that won a New England Board of Higher Education’s Regional Excellence Award for effective science outreach in Maine schools. She is currently on sabbatical in California. “I am delighted that Dr. Susan Brawley and Dr. Joyce Longcore were named AAAS Fellows,” says Edward Ashworth, dean of Natural Sciences, Forestry, and Agriculture, and director of the Maine Agricultural and Forest Experiment Station. “Being an AAAS Fellow is a distinct honor and certainly a well-deserved recognition for two outstanding scientists who have contributed much to their fields of study. I am very proud of these accomplished faculty members and their association with our college and UMaine.” Four other UMaine faculty members also are AAAS Fellows: Edward Grew, Irving Kornfield, Paul Mayewski and Malcolm Shick. The late Bruce Sidell was also a Fellow. Grew is a research professor of geological sciences in UMaine’s School of Earth and Climate Sciences; Kornfield is a professor in the School of Marine Sciences; Mayewski is director and distinguished professor in UMaine’s Climate Change Institute, professor of Earth sciences, and a cooperating professor in the School of Marine Sciences and School of Policy and International Affairs; and Shick is a professor of oceanography and zoology, cooperating professor of biological sciences, and associate director of the School of Marine Sciences. Sidell, founding director of the university’s School of Marine Sciences, died in 2011. Founded in 1848, AAAS has 120,000 individual and institution members. Fellows are nominated by their peers and chosen by the AAAS Council. The mission of the international nonprofit is “to advance science, engineering, and innovation throughout the world for the benefit of all people.” Contact: Beth Staples, 207.581.3777

New Wave of Wind Energy

10 Dec 2012

An offshore wind test turbine has been erected behind the University of Maine Advanced Structures and Composites Center on campus to evaluate sensor systems and controls in preparation for the installation of a floating turbine in the Gulf of Maine this spring as part of the DeepCwind Consortium project. The temporary 1:8 scale wind turbine test site was installed Nov. 29 and will be in place for up to three months. Following a successful test, UMaine’s patent-pending VoltturnUS test prototype will be placed off the coast of Maine in two locations in 2013. Components of the floating turbine are being manufactured at the UMaine’s Advanced Structures and Composites Center, and will be shipped to Cianbro’s facility in Brewer, where the unit will be assembled including hull, tower, turbine and blades, and placed in the Penobscot River in a vertical position. The floating turbine unit will be towed down the river and moored at sea for testing to evaluate the technology and environmental impacts, and to collect data to validate design tools. Once in the Gulf of Maine, the turbine will be the first grid-connected offshore turbine in the United States, marking a critical milestone for the development of floating turbine technology. The demo project is designed to de-risk the technology and pave the way for private investment in a commercial scale-park by 2018–20, according to Habib Dagher, director of UMaine’s Advanced Structures and Composites Center. The technology was tested in a wave-wind basin at the 1:50 scale in 2011. Following a successful offshore test next year, a small 12-megawatt demonstration project consisting of two, 6-megawatt turbines is proposed for construction in 2015–17. A commercial-scale park, expected to be in the 500-megawatt range, will have more than 80 turbines in a space of 4 miles by 8 miles, and will be positioned more than 20 miles off shore, beyond the horizon. “We’re here at the beginning of an exciting era that could create a whole new industry in our state, and reduce our reliance on imported fuels,” says Dagher. UMaine President Paul Ferguson notes

that the work of the Advanced Structures and Composites Center features a remarkable blend of student and faculty researchers, as well as public and private partners who characterize the University of Maine as a leading 21st-century research university. “The center is poised to lead the transformation in deepwater offshore wind research,” Ferguson says. The deepwater offshore wind research is a key transformative technology that the U.S. needs in order to compete globally, says Sen. Susan Collins, who has been instrumental in helping secure critical federal seed funding to advance the project’s R&D efforts. “Maine has been at the forefront of deepwater floating turbine technology, and I am confident Maine will be at the forefront of making deepwater offshore wind a hallmark of U.S. innovation,” Collins says. “The Advanced Structures and Composites Center is developing cutting-edge research, providing an outstanding education for the next generation of engineers, and, best of all, spurring economic growth for our state and new jobs for our people.” UMaine formed the DeepCwind Consortium with more than 30 commercial partners in Maine and beyond who are collectively working on prototype floating wind turbines. The Maine Ocean Energy Task Force has set a goal of producing 5 gigawatts of offshore wind by 2030. Building this 5-gigawatt network of floating offshore farms could attract nearly \$20 billion of private investment to Maine and potentially create thousands of jobs, according to Dagher. Funding for this DeepCwind program was received through competitive grants from the U.S. Department of Energy, the National Science Foundation Partnerships for Innovation program, the Maine Technology Institute, the state of Maine and the University of Maine. Additional funding was also received from UMaine’s private industry partners in the DeepCwind Consortium. Contact: Elizabeth Viselli, 207.581.2831

Three UMaine Aquaculture Research Projects Receive Funding

10 Dec 2012

A project designed to assess and improve commercial fishermen’s perceptions of aquaculture production is one of three University of Maine Aquaculture Research Institute projects to receive a combined \$1.2 million in funding recently from the National Oceanic and Atmospheric Association, Sea Grant and UMaine. The two other funded research projects will help ARI continue its research in the areas of sea lice management efforts and sea urchin production. Teresa Johnson, an assistant professor of marine policy in the University of Maine’s School of Marine Sciences, is the principal investigator of the Aquaculture in Shared Waters project. Commercial fishermen face resistance and challenges to becoming aquaculture producers, but factors such as the decreasing profitability of the lobster industry may improve openness to aquaculture production. The project has received a \$299,219 grant, plus \$160,058 in matching funds. Johnson and Dana Morse of Maine Sea Grant and University of Maine Cooperative Extension will combine social science research with community research and an applied education plan to understand the attitudes, knowledge and concerns of both the fishing industry and coastal communities. A better understanding of these issues will help increase aquaculture production nationwide and therefore improve the economic prospects of commercial fishermen. Investigators from UMaine and Maine Sea Grant will identify two groups of commercial fishermen on the Maine coast to engage in an education program in shellfish and seaweed aquaculture. The program will be designed to prepare participants to file applications with the state and begin production operations. Project partners include the Maine Aquaculture Association, Maine Aquaculture Innovation Center, Coastal Enterprises, Inc., and Island Institute. UMaine’s Aquaculture Research Institute (ARI) has also received a \$461,438 grant from the National Oceanic and Atmospheric Administration (NOAA), with a \$236,388 match, to continue sea lice research in collaboration with Cooke Aquaculture. Ian Bricknell, ARI’s director and a professor in the School of Marine Sciences, will lead the research project that seeks to establish and model where and when sea lice infect migrating or farmed salmon near the shore, and identify potential wild reservoirs of sea lice. The researchers will also investigate the impact of fish farms on the infective pressure of sea lice. The goal is to provide information to help understand the infectious pressure of sea lice near the coast, the role of wild fish as hosts for sea lice, and sea lice infection dynamics over an aquaculture production cycle. The data gathered will help industry-driven collaborative pest management efforts, and inform lease-granting bodies and marine resource users of sea lice risk factors. Research will take place in Cobscook Bay, which has a number of active salmon aquaculture operations. Atlantic salmon sentinels, which are used to monitor pathogens in the environment, will be placed at four locations in the bay during an 18-month period to determine the effect of different factors on sea lice infectious pressure. Wild fish in the bay will also be monitored for sea lice infection to establish whether a wild host species exists. Other investigators include ARI assistant director of research Deborah Bouchard, and Damian Brady and Gayle Zydlewski of the School of Marine Sciences. The third project to receive funding, which involves researchers in Maine, New Hampshire, Alabama and Texas, will allow researchers to address issues of aquaculture development of sea urchins, both in hatcheries and in sea-based nurseries. The project will be headed up by

Nick Brown, director of UMaine's Center for Cooperative Aquaculture Research (CCAR) in Franklin, Maine. As stocks of wild sea urchins decline in both the Gulf of Maine and worldwide, the development of green sea urchin aquaculture has the potential to provide a boost to the economy of the Gulf of Maine region. The \$51,963 grant will be used to develop cost-effective hatchery and sea-based nursery production of urchins. A team that includes researchers at CCAR will address issues that now hinder the growth of the industry by using both field- and land-based urchin culture systems. The researchers have a three-stage research plan. In the first stage, they will use two hatchery facilities to develop algal feeding and settlement strategies that maximize larval growth and survival while decreasing costs. In the second phase, the team will use tank-based trials to test variabilities, such as density and diet to promote growth while decreasing variabilities. In addition, hatchery-reared juvenile urchins from the first stage of the project will be stocked into a field-based nursery system to examine stocking density and site location variables. In the third stage, urchins will be introduced for winter seeding at three lease sites in the Gulf of Maine, where the individuals will be monitored for survival, movement and growth. Contact: Anne Langston, 207. 356.2982

Cold Coral

10 Dec 2012

[Click here to view the "Deep Sea Coral" video on YouTube.](#)

Staying Warm

10 Dec 2012

[Click here to view the "How Do I Insulate My Attic" video on YouTube.](#)

Santa's Reindeer at Witter Farm Dec. 16

10 Dec 2012

The University of Maine Standardbred Drill Team invites the public and campus community to its free Santa's Reindeer holiday event from 5–7 p.m., Sunday, Dec. 16 at the J.F. Witter Teaching and Research Center on University Farm Road, off College Avenue in Old Town, for crafts, games, baked goods, hot cocoa and to meet the university mares at the farm. Donations of \$3–5 will be accepted for crafts. For more information, or to request a disability accommodation, contact Alexandria Garcia at alexandria.garcia@umit.maine.edu. All donations will support UMaine Standardbred Drill Team activities. Contact: George Manlove, 207.581.3756

Newspaper Reports on UMaine Wind Turbine Test Model

10 Dec 2012

In a [Bangor Daily News article](#) about the scale-model wind turbine erected at the University of Maine as part of ongoing wind power research and development, Habib Dagher, director of the university's Advanced Structures and Composites Center, compared the 121-foot-tall test model to NASA's first satellite Explorer I because of what it promises in the nascent but evolving offshore floating wind farm development in the United States. Contact: George Manlove, 207.581.3756

Channel 7 Reports on Maine Indian Basketmakers Sale, Demonstration

10 Dec 2012

[Channel 7 \(WVII\)](#) reported on the 18th annual Maine Indian Basketmakers Sale and Demonstration held at the University of Maine's Hudson Museum in the Collins Center for the Arts, where artists and crafters from the four prominent Maine tribes displayed their art, process and celebrated Native American culture. Contact: George Manlove, 207.581.3756

Student Blog in 'Nature' Discusses Mathematics, Terrorists

10 Dec 2012

Graham Morehead, a graduate student in the University of Maine's School of Computing and Information Science, wrote in a blog post, ["As American as Glasnost 2," on the journal Nature website](#) about how the work of Jonathan Farley, a former UMaine associate professor of computer science, could help terrorists and those out to catch them. Contact: George Manlove, 207.581.3756

Gaming Competition Part of Computer Science Education Week

11 Dec 2012

More than 50 students from University of Maine computing and information science professor George Markowsky's COS 125 Introduction to Problem Solving Using Computer Programming will compete from 11 a.m.–1 p.m., Thursday, Dec. 13 at Soderberg Auditorium in Jenness Hall in the annual fall semester computer gaming exhibit and competition. The event, one of many organized at UMaine in observation of National Computer Science Education Week Dec. 10–14, is free and open to the public. Visitors will have a chance to try out the computer games and vote for three top teams, which will receive modest cash prizes. Though many students in the class are computer science students, Markowsky says students from other academic disciplines also take the class. The game-writing competition and exhibit is a hands-on, interactive way to kindle the interest and imaginations of students in the class, he says. Markowsky has listed a schedule of talks and activities for the week on his [website](#). Contact: George Manlove, 207.581.3756

National Association Honors Plant Pathologist David Lambert

11 Dec 2012

[The Potato Association of America](#) (PAA) has honored University of Maine associate professor of plant, soil, and environmental sciences and of biological sciences David Lambert with an Honorary Life Membership for his commitment and work with potato disease. He was one of only three individuals so honored for 2012. Lambert received the Maine Potato Board's President's Public Service Award in 1995 for his work combating late blight and in 2005 the University of Maine Presidential Public Service Award. A research faculty member at UMaine since 1986, Lambert is credited with helping to develop successful control strategies for potato scab and late blight, according to a recent profile in the Maine Potato Board newsletter. Lambert also has been active with the PAA and was a key organizer of the association's annual meeting in the 1990s when it was held in Maine. Contact: George Manlove, 207.581.3756

News Reports on UMaine Lobster Cannibalism Discovery

11 Dec 2012

News reports on the surprising discovery by University of Maine marine scientist Rick Wahle and graduate student Noah Oppenheim that Maine lobsters will cannibalize their young after dark were posted in two websites, [Medical Daily](#), and the animal news blog [PetsLady.com](#). Contact: George Manlove, 207.581.3756

News Reports Continue on UMaine Test Wind Turbine

12 Dec 2012

The websites [Earth Techling](#) and the technology news website [nanowerk](#) have published reports on the University of Maine Advanced Structures and Composites Center's new test wind turbine erected on campus, a 1:8 scale model prototype of a planned series of larger, offshore wind turbines being developed by UMaine and the DeepCwind Consortium. Channel 5 (WABI) interviewed Habib Dagher, director of the Advanced Structures and Composites Center, about the project. Channel 7 (WVII) also quoted Dagher in a report. Contact: George Manlove, 207.581.3756

UMaine Math Professor Emeritus in Globe Feature

12 Dec 2012

The Boston Globe website boston.com published a feature article about the lifelong quest by University of Maine professor emeritus of mathematics Henry Pogorzelski, now 90, who has worked more than 50 years to prove the truth of a legendary mathematical hypothesis called the Goldbach Conjecture. Pogorzelski believes he has proved the conjecture, but his work is so detailed and voluminous, according to the article, that even the best mathematicians cannot understand it or are reluctant to invest the time trying to. Contact: George Manlove, 207.581.3756

Channel 7 Reports on UMaine Greenhouse

12 Dec 2012

[Channel 7 \(WVII\)](#) interviewed UMaine students Farlin Black and Daniel Blanton and Eric Gallandt, chair of the Department of Plant, Soil and Environmental Sciences, about a new student-run greenhouse on campus being used to grow vegetables year-round. Produce from the UMaine Greens project are being used in UMaine dining halls. [UMaine news release](#) has additional details. Contact: George Manlove, 207.581.3756

UMaine Wins \$4M DOE Award

13 Dec 2012

Advanced Structures and Composites Center wins first phase of potential \$93.2 million program The University of Maine's Advanced Structures and Composites Center has been awarded the first phase of a potential \$93.2 million deepwater offshore wind demonstration project by the U.S. Department of Energy (DOE). The UMaine Composites Center-led team of industry leaders and national laboratories is one of five awardees selected from over 70 competing proposals. In this initial phase, each project will receive up to \$4 million to complete the engineering, design and permitting phase of this award. In a year, DOE will select up to three of these projects for follow-on phases that focus on siting, construction and installation, and aim to achieve commercial operation by 2017. These projects will receive up to \$47 million each over four years, subject to Congressional appropriations. The UMaine Composites Center's industry partners have pledged the remaining funds. "We are pleased that the DOE has selected our team's program after a rigorous technical review," says Dr. Habib Dagher, P.E., director of the Advanced Structures and Composites Center and principal investigator for the project. "This R&D program could be transformational for our state, and will help us demonstrate a unique, patent-pending floating wind turbine technology called VoltturnUS." The program, known as "Aqua Ventus I" and announced today by DOE and Sen. Susan Collins, will be a 12 MW demonstration wind park using the VoltturnUS floating platform technology developed at the UMaine Composites Center over the last four years. This project builds on the success of the DeepCwind Consortium Research Program, spearheaded by UMaine Composites Center and its industry partners, and funded by DOE, National Science Foundation-Partnerships for Innovation, and the Maine Technology Institute, among others. A 1:8-scale VoltturnUS floating platform will be deployed by UMaine researchers in spring 2013 at the UMaine Deepwater Offshore Wind Test Site near Monhegan Island, Maine. "Senator Collins has been at the forefront in supporting this effort," says Dagher. "She saw what we saw — a project with potential to generate vast amounts of clean energy and to create good jobs and spark economic development — and she was key to making it happen." UMaine's Composites Center is partnered with industry leaders who collectively will invest over \$40 million in the demonstration project. The demonstration project will de-risk the UMaine's VoltturnUS floating platform so that more private capital can flow in to Maine to build larger commercial farms. "The United States has tremendous untapped clean energy resources, and it is important for us to develop technologies that will allow us to utilize those resources in ways that are economically viable," said U.S. Secretary of Energy Steven Chu. "Today's announcement of awards to the first offshore wind projects in the U.S. paves the way to a cleaner, more sustainable and more diverse domestic energy portfolio that develops every source of American energy." Deepwater floating offshore wind farms could harness stronger and more consistent winds located beyond the reach of traditional fixed-foundation offshore turbines, while being out of the line of sight from shore. The Gulf of Maine has 156.6 GW of offshore wind potential, the majority of which is in deepwater. Maine has a plan to build a 5,000 MW network of floating farms by 2030, which would attract \$20 billion of private capital to our state, and create thousands of jobs. "The work of the Advanced Structures and Composites Center features a remarkable blend of student and

faculty researchers, as well as public and private partners who characterize the University of Maine as a leading 21st-century research university,” says UMaine President Paul Ferguson. Contact: Elizabeth Viselli, 207.907.6962

Three to Receive Study Abroad Scholarships

13 Dec 2012

Three University of Maine undergraduate students have been selected for 2013 study abroad scholarships through the international Benjamin A. Gilman International Scholarship Program, according to the UMaine Office of International Programs. Hashim Abdi, a fourth-year zoology and microbiology major from Portland, Maine will receive \$3,500 toward expenses to study in Beijing, China. Colby Fortier-Brown, a third-year bioengineering major with a business administration minor from Randolph, Maine will receive \$3,000 toward a research semester in the Netherlands, and his brother Patrick Fortier-Brown, a third-year psychology major from Randolph, will receive \$4,000 also toward a semester in the Netherlands. The Gilman Scholarship Program is open to financially constrained U.S. citizen undergraduate students planning to study abroad with the purpose of diversifying the kinds of students who study abroad and the countries they choose, according to the program sponsors, the U.S. Department of State’s Bureau of Educational and Cultural Affairs. Contact: George Manlove, 207.581.3756

UMaine Bureau of Labor Education Issues Paper on Safer Hospital Staffing

13 Dec 2012

A new University of Maine Bureau of Labor Education briefing paper reports that unsafe staffing levels and other problems in the work environments of hospital nurses may threaten patient safety in hospitals nationwide and in Maine. Understaffing can contribute to nurse shortages, greater job stress and burnout among nurses, in addition to potentially increased risks of medical complications ranging from serious infections to higher mortality among hospital patients, according to the paper, “Working Conditions and Patient Safety: Safe Staffing in Maine’s Hospitals.” The paper, which recommends ways to address staffing issues, is available on the [bureau’s website](#) or by contacting the Bureau of Labor Education Director Bill Murphy, 207.581.4124. Contact: George Manlove, 207.581.3756

UMaine Hockey Hosting Skate with the Bears Dec. 16

13 Dec 2012

The University of Maine men’s and women’s ice hockey teams will host the annual Skate with the Bears event from 2:30–4 p.m., Sunday, Dec. 16 at the Alfond Arena. Fans are encouraged to come, meet their favorite hockey players and get autographs. Autograph sheets will be provided along with free hot chocolate. The event is free. For information or to request a disability accommodation, call 207.581.2327. Contact: George Manlove, 207.581.3756

Philosophy Professor’s Op-Ed on Carbon Emissions Limits

13 Dec 2012

An opinion piece in the [Bangor Daily News](#) by University of Maine professor of philosophy Michael Howard makes a case for reducing carbon emissions in the United States through “cap and divide” legislation, which he argues is gradual and ultimately fairer for consumers than several other alternative mandates. Contact: George Manlove, 207.581.3756

Editorial Lauds UMaine Wind Turbine Research

13 Dec 2012

[A Lewiston Sun Journal editorial](#) has praised the University of Maine for taking a lead nationally in researching and developing offshore, floating wind turbine energy-generation equipment, in spite of the challenges. [The Bangor Daily News](#) also published the editorial. Contact: George Manlove, 207.581.3756

WABI Features Ferguson Story about Grant for Offshore Wind

12 Dec 2012

President Paul Ferguson was quoted in a [WABI \(Channel 5\)](#) report about the announcement of a \$4 million Department of Energy grant awarded to UMaine's Advanced Structures and Composites Center for the engineering, design and permitting phase of its offshore floating turbine.

News Reports on \$4 Million DOE Wind Energy Grant

13 Dec 2012

Multiple news organizations, including [Bloomberg Businessweek](#), Boston.com, [Portland Press Herald](#), [Bangor Daily News](#) and television Channels 2 (WLBZ), 5 (WABI) and 7 (WVII), carried stories about a \$4 million grant from the U.S. Department of Energy to advance research and development by the University of Maine and industry partners of a first-in-the-nation offshore wind farm near Monhegan Island. The funding will enable the UMaine Advanced Structures and Composites Center to complete engineering, design and permitting for the first phase of the project. Habib Dagher, UMaine Composites Center director, and UMaine President Paul Ferguson were interviewed for several of the reports. Contact: George Manlove, 207.581.3756

Holiday Gift Ideas from Foster Center for Student Innovation

14 Dec 2012

The University of Maine Foster Center for Student Innovation, in its support of businesses started or managed by UMaine students, graduates or employees assisted by the center, is encouraging holiday shoppers to consider several of those businesses for seasonal purchases or charitable gift giving. The center's [website](#) lists several UMaine-affiliated options. Contact: George Manlove, 207.581.3756

New 'Fan's Guide' Book Explains Ice Hockey

14 Dec 2012

A new paperback book, [Skating Thru Hockey: A Fan's Guide to Youth, College and the Professional Game](#), by Sandra Caron, UMaine professor of family relationships and human sexuality, and UMaine men's ice hockey coach Tim Whitehead explains in lay terms ice hockey rules, objectives and terminology at community, college and professional levels. Artist and UMaine employee Val Ireland illustrated the guidebook, which is available in print and soon as an e-book. Contact: George Manlove, 207.581.3756

Media Coverage of Computer Gaming Competition

14 Dec 2012

Television Channels [5 \(WABI\)](#) and [7 \(WVII\)](#) reported on the computer games competition held Dec. 13 among students in a computer programming class taught by George Markowsky, professor of computer science. Contact: George Manlove, 207.581.3756

History News Network Posts Segal Land Grant Column

14 Dec 2012

An opinion piece about the importance of the 1862 Morrill Land Grant Act by University of Maine professor of history Howard Segal is posted on [George Mason University's History News Network](#). Signed into law by President Abraham Lincoln, the act created of a system of public colleges in the United States. Contact: George Manlove, 207.581.3756

UMaine Extension Pest Specialists Find Spotted Wing Drosophila Problematic in State

14 Dec 2012

University of Maine Cooperative Extension pest management specialists tracking the invasion of the crop-damaging spotted wing drosophila fruit fly in Maine report that trapping results and surveys indicate that the pest has already become established and problematic in most of the state. UMaine Extension experts David Handley, a vegetable and small fruit specialist at Highmoor Farm in Monmouth, and James Dill, a pest management specialist in Orono, have been setting and checking flytraps statewide to catch the fruit flies and assess their incidence. They also are analyzing survey data from farmers who are assisting with the assessment. “We were still catching high numbers of fruit flies into November, but the numbers have dropped pretty steeply over the past two weeks, probably due to the colder temperatures and lack of food,” says Handley. “Any farm we set a trap at, we caught these flies, often in very high numbers — thousands — which is pretty impressive when you consider that they first arrived in Maine last fall.” Handley and Dill had traps set up at berry farms from Wells to Orono, and Frank Drummond, professor of entomology at the University of Maine, had numerous traps in wild blueberry fields in the Down East region. Most fruit and berry growers noticed fruit flies on their crops, especially later in the summer, but most did not see high levels of damage from the larvae if they controlled the adults. Where the adults were not controlled, most of the late season fruit contained larvae, causing it to rot prematurely. The spotted wing drosophila originated in Asia and traveled in fruit and vegetable imports to California. In the past three years, the invasive pest has spread up and down both coasts and into the Midwest. The small flies resemble common fruit flies except for a saw-like appendage on the female’s ovipositor used to bore into the soft skin of fruits like blueberries and raspberries to lay eggs. The white larvae feed on the fruit from the inside, destroying it in the process. Common fruit flies must wait until fruit gets overripe before they can lay eggs in it. Maine growers and agricultural scientists fear the invasion of the spotted wing drosophila could devastate soft fruit crops, particularly if growers are trying to avoid chemical pesticides to control insects. So far, frequent applications of pesticides appear to be the only effective way to control the tiny flies, according to Dill. “The good news is that we have pesticides that will control them pretty well, including some materials that are available for organic farmers,” he says. “The bad news is that frequent applications are needed because of the vast numbers of flies that are continually invading the crop.” Contact: George Manlove, 207.581.3756

UMaine Composites Center Receives \$250,000

17 Dec 2012

Matthew R. Simmons Memorial Fund established to honor the late Ocean Energy Institute founder The Matthew R. Simmons Memorial Fund has been created in the University of Maine’s Advanced Structures and Composites Center with a \$250,000 donation to honor the memory of the late founder and chair of the Ocean Energy Institute. The fund will be used to host the Matthew R. Simmons International Conference on Deepwater Offshore Wind Technology, part of a biennial conference disseminating research and development in the areas of offshore wind energy and advanced materials. The Simmons family issued the following statement: “The Simmons family is deeply grateful for all of those who have supported and continue to support Matt’s life’s work. The creation of the Matthew R. Simmons Memorial Fund will allow his legacy and energy to continue far into the future, bringing together the brightest minds to ensure offshore wind technology becomes a driving force in alternative energy throughout Maine, our country and the world. We are so proud that this is being established at the University of Maine, a university in a state Matt loved so much.” Simmons, who passed away in 2010, was an oil and gas investment banker who later became a renewable energy advocate. His highly acclaimed 2005 book, *Twilight in the Desert: The Coming Saudi Oil Shock and the World Economy*, has served as an anchor point for journalists at the *Washington Post*, *New York Times* and other major publications. In founding the Ocean Energy Institute, he envisioned a clean, renewable, ocean energy-based future as a necessary and viable alternative to fossil fuels. “Matt was a wonderful friend, a brilliant businessman and a great leader with whom we shared a common vision,” says Habib Dagher, director of the Advanced Structures and Composites Center. “We will continue to forge ahead with Matt’s vision to create ocean energy opportunities for the world. We are particularly thankful to the Simmons family for entrusting us to carry on Matt’s legacy.” More information about this July 2013 conference will be available on the [UMaine Composites Center’s website](#). The Advanced Structures and Composites Center is a state-of-the-art one-stop-shop for integrated composite materials and structural component development. Located at the University of Maine, it offers in-house capabilities for developing a composite product or

structure from the conceptual stage through research, manufacturing of prototypes, comprehensive testing and evaluation, code approval and commercialization. Contact: Elizabeth Viselli, 207.907.6962

Scientists in Poland Name New Minerals for UMaine Geologist

17 Dec 2012

Russian geologists at the University of Silesia in Poland have discovered two minerals new to science and have named them “edgrewite” and “hydroxledgrewite” in honor of University of Maine geologist and research professor Edward Grew. The new minerals were discovered by mineralogists Evgeny Galuskin and Irina Galuskin in the Chegem caldera in the Northern Caucasus, near Mount Elbrus in the Kabardino-Balkaria Republic in Russia. A caldera is a crater-like structure produced by very large explosive volcanic ash eruptions, like those found Yellowstone and Crater Lake national parks. Grew began working with the Galuskins as associate editor of the journal *American Mineralogist*, when he helped them prepare papers for publication, and in person at the International Mineralogical Association meeting in Budapest in 2010. The Galuskins were familiar with Grew’s reputation for working successfully with Russian scientists throughout his career. The honor of having a mineral named for him “is a lifelong dream come true,” says Grew, whose research focuses on rare minerals containing boron and beryllium, and the role of the two elements in the changes that rocks undergo at high temperatures and pressures in the Earth’s crust. “I have always valued my international collaborations in science, and so I was especially honored that colleagues in Europe proposed my name for the new minerals they discovered.” A UMaine research faculty member for 28 years, Grew has been involved in the discovery and characterization of 13 new minerals, including six from Antarctica. He has been on nine expeditions to Antarctica with researchers from the former Soviet Union, Australia, Japan and the United States, in addition to research projects in Australia, India, Germany, Japan, Tajikistan and Siberia. His first expedition to the Antarctic was in 1972–74, when he wintered at Molodezhnaya Station. He has published extensively on the composition and evolution of minerals, and has served in leadership capacities for national and international professional organizations and mineralogical publications. Identifying undiscovered minerals involves detailed microscopic analysis. Edgrewite and hydroxledgrewite were found as tiny crystals smaller than the period at the end of a sentence in a newspaper, according to Grew. “Recognizing a new mineral involves a measure of good luck and familiarity with known minerals,” he says. “Several new minerals I have discovered simply looked different under the optical microscope. Chemical tests confirmed my hunch that the minerals were new. Sometimes a new mineral does not stand out optically under the microscope, but (its) distinctive chemical composition suggests it is new. Once a mineral is suspected to be new, it is studied in detail so its physical, chemical and crystallographic properties are fully characterized and then it must undergo a complex process of approval by an international commission.” The Galuskins and research colleagues from four European countries discuss the discovery of the new minerals edgrewite and hydroxledgrewite in a peer-reviewed scientific report in the November–December issue of the journal [*American Mineralogist*](#). Contact: George Manlove, 207.581.3756

Tragedy and Young Children

17 Dec 2012

[Click here to view the "How to Talk to Children When Bad Things Happen" video on YouTube.](#)

Singing in the Holidays

17 Dec 2012

[Click here to view the "Yuletide Concert 2012" video on YouTube.](#)

Riordan Describes Semester Abroad as Fulbright Scholar

17 Dec 2012

Liam Riordan, associate professor of history at UMaine, who spent more than six months in Glasgow, Scotland as a Fulbright Scholar, writes about his and his family’s experiences in the fall 2012 issue of the Maine Humanities Council Newsletter.

TV News Reports on Students' Holiday Toy Drives

17 Dec 2012

Channel 5 (WABI) and Channel 7 (WVII) reported on toy drives held by UMaine students to help area families in need. Channel 5 reported on Phi Gamma Delta fraternity's efforts to assist Crossroads Ministries with donations of some 300 gifts. Channel 7 reported that members of the Alpha Tau Omega fraternity handed out flyers to Wal-Mart shoppers in Bangor to promote a "Fill the Truck" holiday toy drive organized by the retail giant and the local Salvation Army.

Channel 7 Covers UMaine's 'Skate with the Bears'

17 Dec 2012

Channel 7 (WVII) covered the "Skate with the Bears" event at the Alfond Arena Dec. 16, an annual invitation for members of communities surrounding the University of Maine to take to the ice to meet and skate with members of UMaine's ice hockey teams.

Television Reports UMaine Nurses' Belize Fundraising

17 Dec 2012

[Channel 7 \(WVII\)](#) reported on a fund drive held at the Texas Roadhouse restaurant by members of University of Maine School of Nursing, who will spend nine days volunteering medical and health care services in underprivileged communities in Belize. Additional information is on the project's [website](#).

MSNBC Reports UMaine \$4 Million Wind Power Award

17 Dec 2012

[MSNBC](#) carried an Associated Press report about a \$4 million award from the U.S. Department of Energy to advance research and development by the University of Maine and industry partners of a first-in-the-nation offshore wind farm near Monhegan Island. The funding will enable the UMaine Advanced Structures and Composites Center to complete engineering, design and permitting for the first phase of the project.

Sunday Telegram Features UMaine Agritourism Initiative

17 Dec 2012

A feature story in the [Maine Sunday Telegram](#) about the University of Maine Cooperative Extension's promotion of agritourism in Maine, which engages consumers in more active farm product acquisition, included interviews with UMaine Extension Director John Rebar and Marc Edwards, a UMaine Extension tourism and economic development professional in the Franklin County office in Farmington.

4-H Cited as Successful Youth-Engagement Program

18 Dec 2012

Barbara Baker, University of Maine Cooperative Extension associate professor and a principal investigator of a 4-H Engaging Youth, Serving Community Program in Maine, coauthored a paper about 4-H being a successful case study on engaging youth in community service activities. The paper is part of a research-based series of papers, The Kinder & Braver World Project: Research Series, on the [Harvard University website](#). The project is part of the Born This Way Foundation initiative created by performer Lady Gaga and her mother Cynthia Germanotta to promote youth empowerment and the development of kindness and bravery. The paper is titled "Engaging Youth, Serving Community: Social Change Lessons from a 4-H Rural Youth Development Program."

Newspaper Posts UMaine Video on Children, Violence

18 Dec 2012

[The Bangor Daily News](#) has posted on its website a video with University of Maine Cooperative Extension child and family development specialist Leslie Forstadt discussing how parents might address violence such as the mass shooting of schoolchildren and adults in Newtown, Conn.

UMaine Marine Scientists Comments in Ocean Warming Report

18 Dec 2012

[A Bangor Daily News article](#) on what's being called alarmingly warmer waters off the Maine coast and possible effects on marine life included comments from University of Maine professor of marine sciences Robert Steneck and Jeffrey Runge, research professor in the UMaine School of Marine Sciences.

Agribusiness Website Reports on UMaine Wind Energy Grant

18 Dec 2012

The agribusiness news website [Domesticfuel.com](#) posted a U.S. Department of Energy news release about a \$4 million award it recently made to the University of Maine Advanced Structures and Composites Center to further advance the university's research and development, with partners in the DeepCwind Consortium Research Program, of prototype test wind turbines in advance of a larger, floating offshore wind farm planned off the Maine coast.

UMaine Extension Faculty Paper in Agricultural Journal

19 Dec 2012

An article about high tunnel gardening techniques in Maine by University of Maine Cooperative Extension faculty members Caragh Fitzgerald in the Kennebec County office and Mark Hutton of the Highmoor Farm office in Monmouth appears in the latest issue of the [Journal of the NACAA](#) (National Association of County Agricultural Agents).

Professor Emeritus Charles Buck Passes

19 Dec 2012

University of Maine professor emeritus Charles Buck, who taught molecular and biological sciences classes at UMaine for 30 years, died at his home in Stillwater Sunday, Dec. 16, according to his obituary in the Bangor Daily News. He is survived by his wife Elizabeth, two brothers, three sons and a grandson. Calling hours are from 4:30–6:30 p.m., Thursday, Dec. 20 at the Orono chapel of Brookings-Smith, 72 Main St., Orono. A funeral service is planned at 1 p.m., Friday, Dec. 21 at the Church of Universal Fellowship, 82 Main St., Orono.

Benefactor Extends Free Admission at UMaine Museum of Art

19 Dec 2012

[The University of Maine Museum of Art](#) will extend its free admission policy for the public in 2013 as a result of a gift from Penobscot Financial Advisors. Penobscot Financial Advisors has been a longtime sponsor of UMMA's Community Partners Program, which provides support for education and exhibition programs, according to George Kinghorn, museum director and curator. "We are grateful for Penobscot Financial Advisor's generous sponsorship and ongoing support over the years," he says. "The Museum of Art is a vital community outreach resource of the University of Maine and we are delighted to once again offer free admission so that all citizens may enjoy the museum's

collections and changing exhibitions.” James E. Bradley, CEO of the financial advisory firm formerly known as Bradley & Johndrow, LLC, notes that the arts play an important role in the community and region. “We are pleased to provide access so that all may enjoy the exceptional art on display at the museum. We are delighted to support UMMA’s efforts,” Bradley says. Kinghorn says the sponsorship allows individuals to visit often and have meaningful experiences viewing original works of art by nationally recognized artists. Contact: Kathryn Jovanelli, 207.561.3350

Science Website Posts Article about UMaine Geologist

19 Dec 2012

The science website PhysOrg.com has posted an article about University of Maine geologist and research professor Ed Grew, who recently had two newly discovered minerals, “hydroxledgrewite” and “edgrewite,” named in his honor by two geologists at the University of Silesia in Poland.

Newspaper Reports Free Admission at UMaine Art Museum in 2013

19 Dec 2012

[The Bangor Daily News](http://TheBangorDailyNews.com) reported that admission to the University of Maine Museum of Art on Harlow Street in Bangor will be free to the public throughout 2013 as a result of a gift from Penobscot Financial Advisors, formerly known as Bradley & Johndrow, LLC in Bangor.

New Statutory Guides for Wind, Wave, Tidal Power Permitting

19 Dec 2012

An article on the [Alternative Energy eMagazine](http://AlternativeEnergyeMagazine.com) website reported that energy and environmental attorney Jeff Thaler, a visiting professor of energy law and policy at the University of Maine School of Law and UMaine School of Economics, has written two guides for potential developers and others to navigate federal, state and local laws and regulations applicable to ocean energy projects. “Permitting and Leasing for Maine Marine Hydrokinetic (MHK) Power Projects” and “Permitting and Leasing for Maine Offshore Wind Energy Projects” will help the University of Maine and a consortium of industry, energy and other partners pave the way for private investment in a full-scale floating wind farm off the Maine coast.

Coastal Paper Carries UMaine Wind Turbine Article

19 Dec 2012

The mid-coast newspaper [Penobscot Bay Pilot](http://PenobscotBayPilot.com) published a news release about plans by the University of Maine and wind energy development partners in the DeepCwind Consortium to float a prototype wind turbine down the Penobscot River to the coast, where it will be moored offshore to test the technology behind plans for a full-scale wind farm off the Maine coast.

UMaine Faculty Members on Wabanaki Child Welfare Panel

19 Dec 2012

[The Bangor Daily News](http://TheBangorDailyNews.com) reported that two University of Maine faculty members, gkisedtanamoogk, a Wampanoag from Cape Cod who now teaches in the UMaine Native American Studies and the Peace and Reconciliation programs, and Gail Werrbach, director of the School of Social Work, have been named to a five-member panel, the Maine Wabanaki-State Child Welfare Truth and Reconciliation Commission, that will investigate former government practices that moved Native American children from their tribes to foster homes with non-native families. [Channel 2 \(WLBZ\)](http://Channel2(WLBZ).com) and [Channel 5 \(WABI\)](http://Channel5(WABI).com) also reported on the naming of commission members. [A Bangor Daily News editorial](http://ABangorDailyNews.com) endorsed the investigation.

Snowe Congratulates UMaine on Wind Project Funding

20 Dec 2012

In a news release posted on her office website, U.S. Sen. Olympia Snowe has congratulated the University of Maine for recent U.S. Department of Energy grant funding to continue work developing what will eventually become the nation's first offshore, floating wind-energy farm. The senator said the funding is potentially worth up to \$47 million.

Channel 5 Reports Free Admission at UMaine Art Museum

20 Dec 2012

Comments from George Kinghorn, director and curator of the University of Maine Museum of Art in Bangor, were included in a [Channel 5 \(WABI\)](#) report that admission to the museum will remain free to the public through 2013 as a result of financial support from Penobscot Financial Advisors of Bangor.

Newspaper Carries Segal Essay on Land Grant Colleges

20 Dec 2012

[The Bangor Daily News](#) has published an essay by University of Maine history professor Howard Segal about the original intentions of the Morrill Act of 1862, which provided for the creation of land grant universities in the United States.

Fried Blog Discusses Guns in Wake of School Shootings

20 Dec 2012

In her Bangor Daily news blog [Pollways](#), University of Maine professor of political science Amy Fried discussed the issue of gun control in the aftermath of the Newtown, Conn. elementary school shootings, and heroism of teachers shown during the massacre.

UMaine Extension Offers Wintertime Farming Safety Tips

21 Dec 2012

University of Maine Cooperative Extension specialists coordinating the [Maine AgrAbility project](#) have offered a number of [safety considerations](#) for people who must work outdoors in cold and inclement weather. They include dressing to accommodate changing weather conditions, keeping safety gear, a first aid kit, a pocket multi-tool, headlamp and a cell phone handy, having proper food and hydration supplies and letting someone know when and where they'll be working. Maine AgrAbility is a collaborative project with Alpha One, Goodwill Industries of Northern New England and UMaine Extension designed to assist farmers with disabilities or chronic health conditions. Project coordinator Lani Carlson in the UMaine Extension Franklin County office in Farmington can be reached for more information at 207.944.1533

Website Article on UMaine Floating Wind Turbine Testing

21 Dec 2012

Habib Dagher, director of the University of Maine Advanced Structures and Composites Center, was interviewed for an article on the [Hydrogen Fuel News website](#) about UMaine's development of prototype wind-energy test turbines for a planned offshore, floating wind farm, once the technology proves successful in demonstration models.

Editorial Suggests UMaine Wind-Energy Plans Could Boost Economy

21 Dec 2012

[A Bangor Daily News editorial](#) suggested that the U.S. Department of Energy's decision to invest grant money for research, development and testing of the nation's first offshore floating wind turbines in Maine by the University of Maine and business and energy partners may help improve perceptions of the state's business climate.

Tuna Research Could Inform fishing Regulations on the Species of Concern

24 Dec 2012

A University of Maine researcher is analyzing biological data from Atlantic bluefin tuna that could lead to refined population estimates and impact where restrictions on the historically overfished species should be placed. "The Atlantic bluefin tuna is a big, sexy fish," says Walter Golet of the tuna that can grow over 10 feet in length, weigh as much as 1,500 pounds and swim faster than 40 mph. A year ago, a 593-pound bluefin sold for \$736,000, says Golet, a postdoctoral research associate with UMaine's School of Marine Sciences and the Gulf of Maine Research Institute. Commercial fishermen have been pursuing the prized, warm-bodied species for decades. Beginning in the late 1970s, worldwide demand and prices for large bluefins increased substantially, Golet says, and stock assessments indicated a rapid decline in the number of adult fish. Since a rebuilding plan enacted in 1998, assessments suggest a minimal increase in the number of adult fish, says Golet. In 2011, the National Marine Fisheries Service was forced to conduct a status review on Atlantic bluefin tuna and listed it as a Species of Concern. Golet's research seeks to provide up-to-date, life history data of the bluefin stock that, in turn, would serve as a basis for effective, appropriately placed fishing regulations. The data will be derived from biological sampling of the tuna's dorsal spines, reproductive organs and sagittal otoliths — small, calcified structures inside the head that are sensitive to orientation and acceleration. By studying these biological samples, he and fellow researchers can determine the age of the tuna, when it reached sexual maturity, and whether it was born in the Gulf of Mexico or Mediterranean Sea. This knowledge is vital to accurately estimating how many fish there are and how many can be harvested by fishermen from more than 25 countries pursuing bluefin in the North Atlantic, Golet says. Otoliths log data throughout a bluefin's life, Golet says. Otoliths are small crystal-like structures that accrete minerals at different rates depending on the animal's physiology and the chemical properties of the water. These characteristics make them ideal to determine age and where the fish was born, he says. For his research, Golet is using biological samples of bluefin tuna caught by commercial and recreational fisherman from Maine to Rhode Island from June through October. "Bluefin tuna come to the Gulf of Maine to fatten up," he says. "A large bluefin tuna can gain 100 to 150 pounds in four to five months. They use those lipids to swim back to spawning grounds and to make sperm and eggs." Approximately 38,000 fishermen have permits to catch Atlantic bluefin tuna in waters from Maine to Texas; all but about 2,000 are recreation permit-holders, Golet says. The study is part of a program for the International Commission for the Conservation of Atlantic Tunas and the National Marine Fisheries Service. In addition to the University of Maine, study participants include the University of Massachusetts Amherst (Large Pelagics Research Lab), University of Maryland, Spanish Institute of Oceanography, Fisheries and Oceans Canada and National Marine Fisheries Service. The National Oceanic and Atmospheric Administration awarded Golet and collaborators \$241,133 in 2011 and \$196,133 in 2010 to conduct the research. Contact Beth Staples, 207.581.3777

Students in a Small Group Communication Class Take on Community Projects

24 Dec 2012

Claire Sullivan, University of Maine associate professor of communication and journalism, loves it when students experience "Aha" moments during service-learning projects. Sullivan was particularly pleased after two recent presentations in her Small Group Communication class. "It makes me happy when they really connect," Sullivan says. "It's my goal for them to work together in groups, to learn about community issues, and to use creative ways to use their strengths and see how they can help." Four UMaine students used their individual and collective talents to assist The River Coalition, an organization that strives to make the communities of Alton, Bradley, Greenbush, Milford, Old Town and Penobscot Indian Nation safe, healthy places to live, work, and play. As part of their semester-long, service-learning project, Hillary Goranson, Kathryn Harlan, Jana MacIsaac and Allison Noonan visited the Helen S. Dunn School in Greenbush to promote healthy eating and exercise. They played nutrition and physical activity educational games with

children in pre-kindergarten through second grade and gave them a healthy trail mix snack as a take-home gift. Harlan, a communication major and women's studies minor living in Bucksport, Maine, says service learning is a brilliant teaching tool. "We worked harder and did more because we knew it would impact the lives of children in our community," says Harlan, who plans to graduate in 2013. "Making that difference to those children was an amazing feeling." Grades weren't the only thing UMaine students received for their class participation. Harlan says students at Helen S. Dunn School recently sent them thank-you cards. Ann Bean, first-grade teacher at the school, says the youth had a wonderful experience and gained practical knowledge from the interaction. "It was a great presentation," she says. "They (UMaine students) made learning fun. I was impressed with how well they (the youth) took the information and applied it to their own life — to what they do at home." Linda McGee, executive director of The River Coalition, also praised the UMaine students. She said their energy and enthusiasm created a positive experience for the elementary schoolchildren. After working with the children, UMaine students provided the Helen S. Dunn School with a state-approved lesson plan and props for the games. In addition, the group revamped and updated The River Coalition's Facebook page and made posters to increase awareness of the dangers of alcohol and smoking. The smoking poster included a partial list of ingredients of cigarettes, including rat poison, ammonia and insecticide. Sullivan says it's rewarding when students enrolled in CMJ 345 are so positively affected by the course that they continue to volunteer after their grades are in the books. Anna Ayotte, a double major in food science and human nutrition as well as communication, says she plans to do just that. Ayotte, from Sidney, Maine, participated in a group class project to raise awareness of the Black Bear Exchange, an innovative combination food pantry and clothing swap in Estabrook Hall under the direction of Lisa Morin, coordinator of the Bodwell Center. Ayotte says working on the project alerted her to the very real issues of local hunger and poverty. "It's shocking and scary," says Ayotte, who plans to graduate in 2013. "It breaks my heart. Now that I am truly aware of how prevalent the need is, I am going to be more involved in service projects to help alleviate the problem. Even if you can't donate items, you can donate your time, which is just as important." Other groups in the communication course partnered with Big Brothers Big Sisters; Shaw House in Bangor; University of Maine Cooperative Extension Eat Well Education Program; and the American Red Cross blood drive for their service learning projects. Community engagement figures prominently in "The Blue Sky Project: Reaffirming Public Higher Education at Maine's Flagship University," the University of Maine's five-year strategic plan. "The University of Maine aspires to be the most distinctively student-centered and community-engaged of the American Research Universities," it reads. In 2008, UMaine attained an elective community engagement classification from the Carnegie Foundation for the Advancement of Teaching. The designation means the university collaborates with other communities, from local to global, "for the mutually beneficial exchange of knowledge and resources in a context of partnership and reciprocity." Contact Beth Staples, 207.581.3777

End-of-year Recommendations From a UMaine Accounting Professor

24 Dec 2012

With potentially significant tax law changes on the horizon for the new year, University of Maine associate professor Steven Colburn, who teaches accounting and oversees a community taxpayer assistance program with students, offers end-of-the-year advice for taxpayers. Colburn says several things can be done before Dec. 31 to minimize the tax bite for 2012. His suggestions include: 1. Accelerate long-term capital gains into 2012. "If you were thinking of selling stock in 2013, consider selling it in 2012, instead," he says. "Currently, the top tax rate for long-term capital gains — that is for gains on capital assets held more than one year — is 15 percent. That rate will likely increase for 2013." 2. Pay for medical expenses in 2012. For 2012, taxpayers must reduce unreimbursed medical expenses by 7.5 percent of their adjusted gross income (AGI) before deducting them. "For 2013, that percentage will increase to 10 percent, unless you are 65 or older," he says. "AGI is your income minus certain deductions. So, if your AGI for 2012 is \$50,000, your unreimbursed medical expenses would have to exceed \$3,750 ($\$50,000 \times .075$) before you may deduct them. For 2013 with a \$50,000 AGI, medical expenses will have to exceed \$5,000 ($\$50,000 \times .10$) before being deductible." 3. For 2012, the standard deduction for a single person is \$5,950 and \$11,900 for a married couple filing jointly. If the total of all of itemized deductions — medical, property taxes, state income taxes, charitable contributions, etc. — is less than the standard deduction, the standard deduction would be the better choice. 4. Pre-pay charitable contributions and property taxes so you can itemize. Some taxpayers don't have quite enough itemized deductions in any one year to make it worthwhile for them to itemize, so they take the standard deduction each year. "However, by bunching certain payments in one year, you may qualify to itemize one year and take the standard deduction for the next year," Colburn says. "For example, if you have the cash, instead of waiting until February 2013 to pay your property taxes, you could pre-pay

them in December 2012. You could also pay some or all of the charitable contributions that you normally would pay in 2013 in December 2012, instead. That could increase your total itemized deductions for 2012 above the standard deductions amounts mentioned earlier.” 5. The maximum contribution to Coverdell Education Savings Accounts drops from \$2,000 per child in 2012 to \$500 in 2013. Anyone planning to contribute to these plans should try to max out their contributions for 2012. 6. Mortgage debt forgiven in 2013 will be treated as taxable income. Under the Mortgage Debt Relief Act of 2007, taxpayers who have had mortgage debt reduced or forgiven by a lender were able to exclude that forgiven debt from their gross income. The provision is set to expire Dec. 31, 2012. So, a homeowner who is currently negotiating with a lender to get a mortgage debt reduced or forgiven needs to complete that process by Dec. 31, or pay a tax on any such debt forgiven in 2013. 7. Be alert for last-minute tax changes. Congress and the president are still negotiating changes to the tax law. It’s possible that last-minute changes could affect tax bills for 2012 and for 2013. Contact Steve Colburn, 207.581.1982; George Manlove, 207.581.3756 or george.manlove@umit.maine.edu

Talking Turkey

24 Dec 2012

[Click here to view the "Holiday Food Safety Tips" video on YouTube.](#)

CANCELLED Lecture on the Future of U.S.-Pakistan Relations

31 Dec 2012

The future of United States and Pakistan relations is the subject of a free public presentation at 5 p.m., Monday, Jan. 7 at the University of Maine Buchanan Alumni House. Sponsored by the [UMaine School of Policy and International Affairs](#) and the Bangor Foreign Policy Forum, the talk by Husain Haqqani, a Pakistani scholar and public figure who served as Pakistan’s ambassador to the United States from 2008–11, is titled “The Future of U.S.-Pakistan Relations.” Haqqani is widely credited with managing a difficult partnership during a critical phase in the global war on terrorism. Haqqani started his public life as an Islamist student leader and has emerged as a strong voice for democracy and civilian control of the military in Pakistan and an exponent of liberal values in the Muslim world. His career in government includes serving as an adviser to three Pakistani prime ministers, including Benazir Bhutto. Haqqani is the author of the book *Pakistan Between Mosque And Military* and hundreds of articles published in major international newspapers, magazines and scholarly journals. He currently is senior fellow and director for South and Central Asia at the Hudson Institute in Washington, D.C. and co-edits the journal *Current Trends in Islamist Ideology*, published by institute’s Center for Islam, Democracy and Future of the Muslim World. Haqqani also is director of the Center of International Relations and professor of international relations at Boston University. For more information or to request a disability accommodation, email peter.fandel@umit.maine.edu, or call 207.581.1835.

BDN Lists President Ferguson One of Maine’s Newsmakers in 2012

26 Dec 2012

University of Maine President Paul Ferguson was named a Maine newsmaker in 2012 by the [Bangor Daily News](#) for rolling out the Blue Sky Plan during the first year at the flagship campus.